

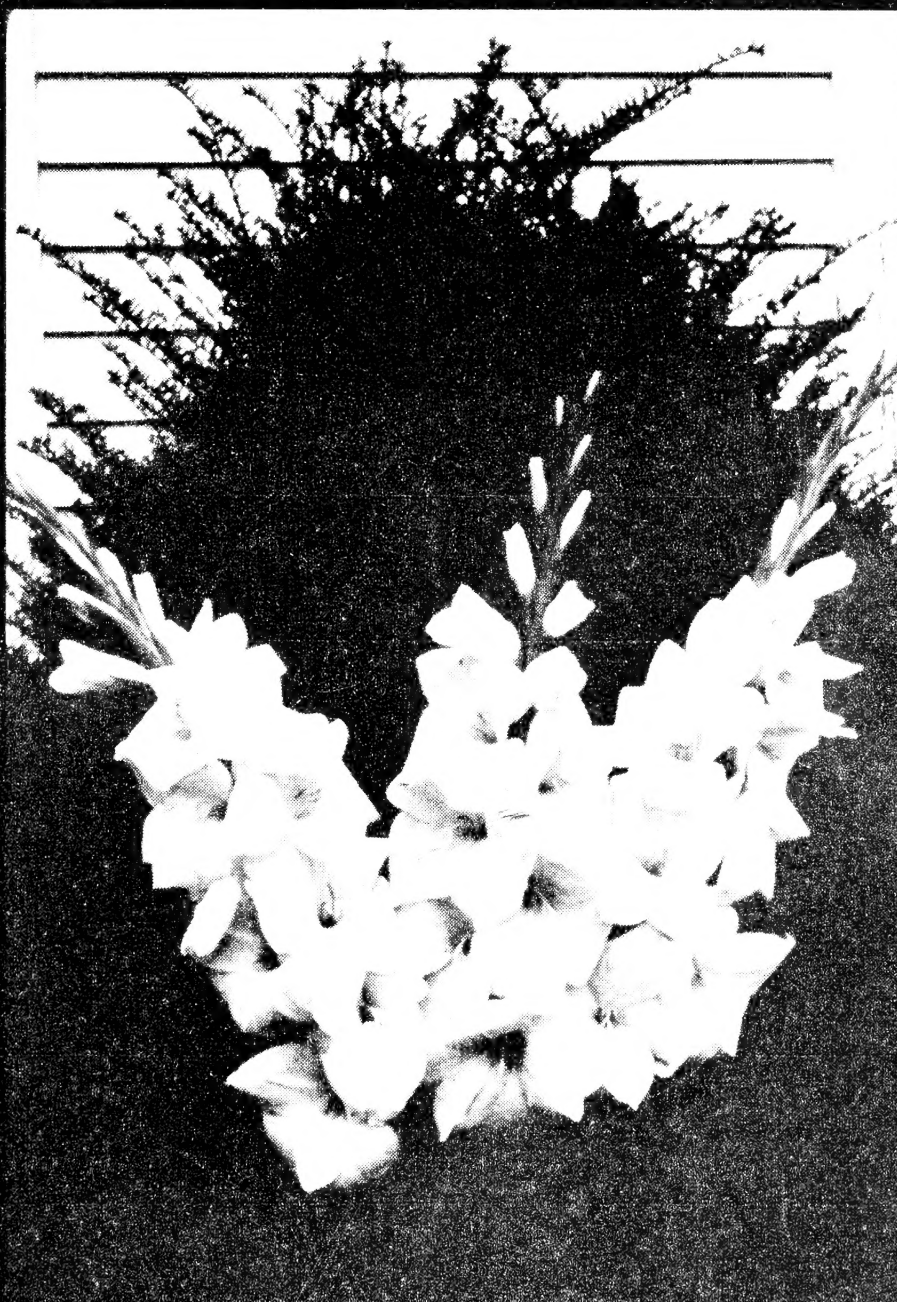
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Do not assume content reflects current scientific knowledge, policies, or practices.

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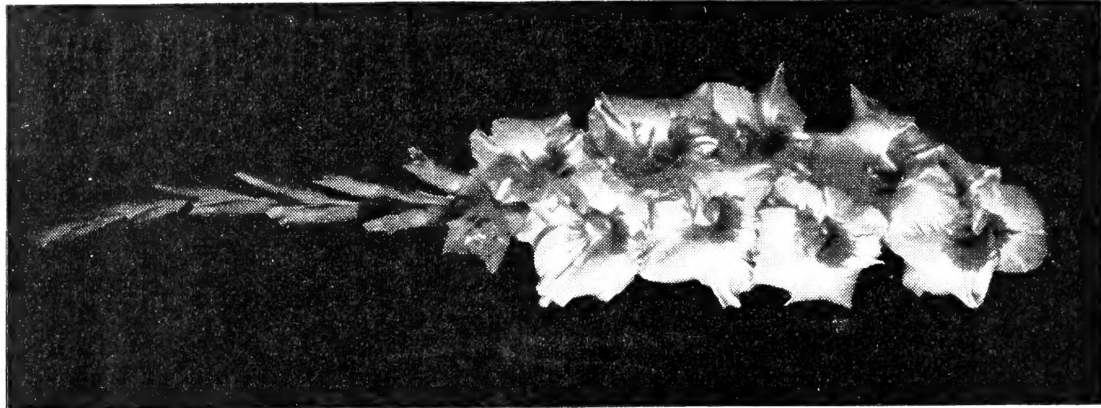
GLADIOLUS FANCIER'S GUIDEBOOK

1949

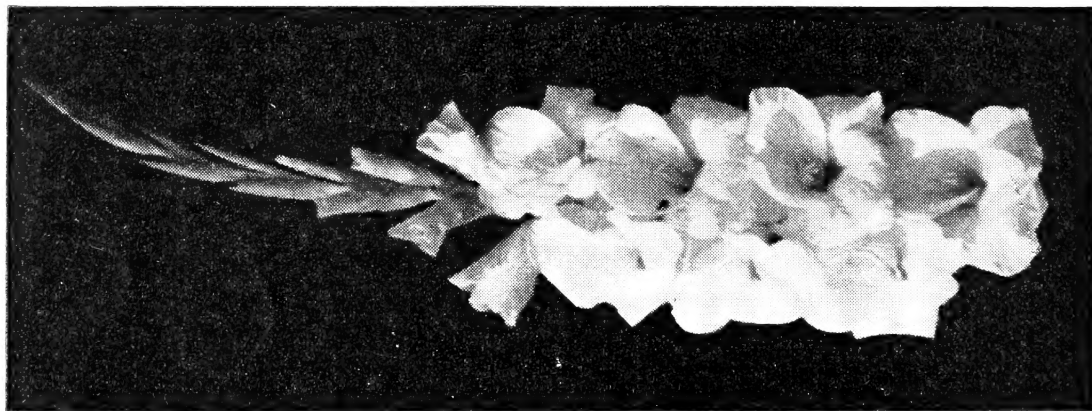


STRATHNAVER

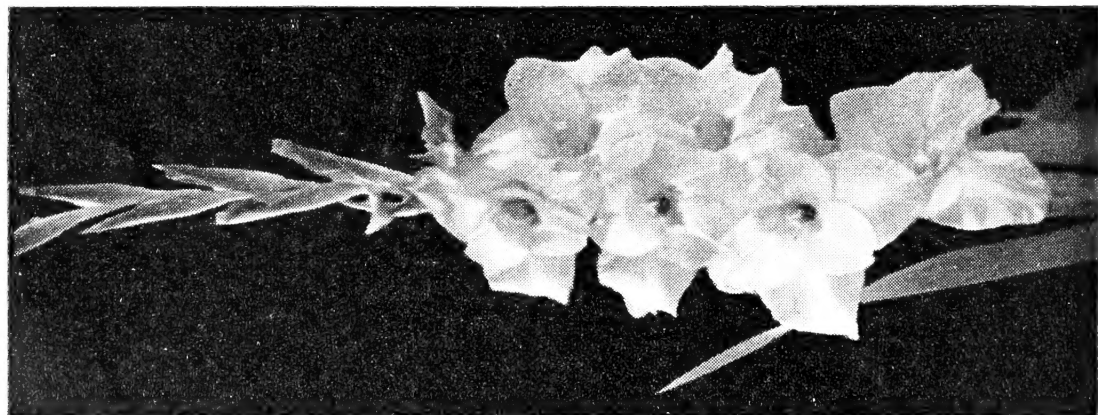
HERBERT O. EVANS—P. O., SOLON, OHIO



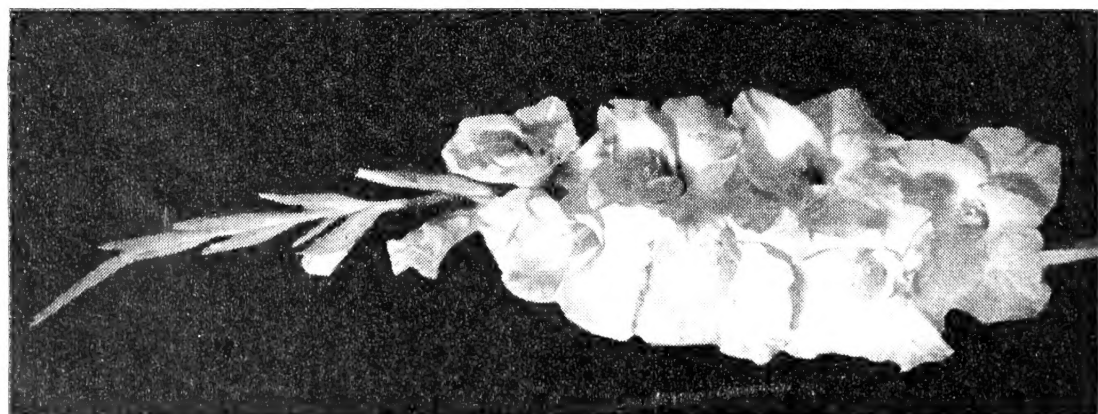
PACTOLUS



WORLD BEATER



CIRCE



TIVOLI

INTRODUCTORY

A GAIN, this booklet is planned for you. It adopts your point of view. It gives you hitherto unpublished facts upon which to base your own conclusions. It is not cluttered up with fictitious values.

A small portion of the information in this booklet is repeated from last year. In such instances, the data is still so valuable that we cannot possibly leave it out.

This is our 21st annual catalog.

Undoubtedly you want others to admire your flowers, since appreciation of the general quality of your glads by your friends is gratifying. Our greatest effort is expended to eliminate your spending time on inferior sorts. To accomplish this we do not restrict our data to our own offerings and the more you read in this Guidebook the more you will be convinced that here is a little "instruction course" on Gladiolus with an irreducible minimum of bias.

For further valuable current literature on gladiolus, the one outstanding bargain is obtainable only through the Ohio State Gladiolus Society, the only society offering a four-way combination membership including The Canadian Gladiolus Society, the New England Gladiolus Society and there are four quarterly bulletins of the North American Gladiolus Council, all for \$4.25 . . . a \$6.00 value. Past experience relating to early exhaustion of the Year Books dictates the warning that acceptance of this offer should be made before the end of February. For more complete information see our "Society Page," page 34 hereof. Note the special Michigan Society offer.

Our business is growing by leaps and bounds. Our ability to answer correspondence on relatively unessential subjects has almost reached the vanishing point. We pack our booklet with many pages of answers to many questions we get nevertheless. Every question vital to the selection and growing of good glads we think we have already answered somewhere in this booklet.

However, we will not allow the business to reach the stage, all too common, where the proprietor no longer is able to personally inspect the outgoing stocks for complete freedom from injurious insects and bulb diseases. Our past customers know what quality of bulbs they will get. Our reputation for sound bulbs is more than national. Our reputation for offering only the very best varieties to be found around the world is equally broad. We plan to keep it that way.

Horticultural costs have gone up and will go higher. Paper and printing and cartons, too.

A grower-cataloger of bulbs has certain inescapable costs: planting stock, use of land, its preparation, planting, cultivating, digging, hauling, curing, cleaning, grading, storage quarters, fumigating or other processes to combat insects and bulb diseases, advertising of one form or another, catalogs, postage, packing and shipping. There may be additional items of overhead such as clerical, irrigation, spraying, etc.

Heavier buying of the newer sorts has eaten into what should have been retained for propagating reserves.

We do not issue a fall list and we do not solicit "pre-catalog" orders. Most of them require later revision because of abandoned varieties and price reductions. We do recommend that you place your order soon after receipt of this Guidebook to avoid, in so far as it is possible, the disappointment of sold out items.

Variety descriptions are vital to a cataloger's reputation. Yet the average cataloger, for the most part, copies the originator's description and trusts to luck. We think we try out but "junk" without listing more varieties than any cataloger in America. Most catalogers use their selling facilities to get rid of their "bad investments." The more varieties a cataloger lists, the easier it is to "cash out" a variety that has proved a disappointment to him. A variety has around thirty different characteristics to consider, relating to form, color, size, height, strength, substance, season, bulb health, propagation, etc. No cataloger can spare the time and space to describe them all, but we can and do report a glad's most interesting features and you may definitely assume, in the absence of specific mention of some undesirable traits, to the best of our knowledge and belief, **the traits or habits not specifically mentioned are above the "satisfactory" level.**

Over the years we have built up an enviable reputation for generous filling of orders by medium of overcount, oversize, samples of new sorts to try, free bulbs for society memberships, free memberships and color charts, etc.

We appreciate receiving a portion of your bulb purchases. We do not necessarily solicit it all. By inducing you to seek society literature we deliberately put you in contact with the advertising of our "fiercest competitors"—Elmer Gove, Carl Salbach, Paul Baker, Arthur Arenius, Alfred Moses and a host of other long time friends in the industry.

HERBERT O. EVANS

Farm, State Route 91

SOLON, OHIO

CONFERENCES

The sixth National Conference conducted by the New England and affiliated societies Michigan G. S. and Michigan State College, Hosts at East Lansing, January 19-20, 1949.

Lectures, discussions, color slides, banquet, bulb auction, etc. The lectures will be on bulb and plant diseases, insecticides, fertilizers, weed control, tools, trial grounds, judging, etc., by state and federal horticulturists, entomologists and pathologists.

The fourth International Conference meeting of the North American Gladiolus Council will be held January 21-23, 1949, at Toronto, Ontario, in the Royal York Hotel. The program is of a similar nature.

THE OHIO ANNUAL EXHIBITION, 1949

The Ohio state show, again at the wonderful Higbee Co. Auditorium on Cleveland's Public Square. Under same roof the R. R. Terminal Tower, the Cleveland Hotel and the Terminal Garage (largest in the world). Monday and Tuesday, August 29 and 30, 1949. No other shows scheduled to interfere with your coming. The world's quality show.

THE CHAGRIN FALLS (Ohio) SHOW

Conducted by the Chagrin Valley Men's Garden Club. At High School Gymnasium, Chagrin Falls, Ohio, on State Route 422 about 20 miles east of downtown Cleveland. Saturday and Sunday, September 3-4, 1949.

THE OHIO RECENT INTRODUCTION AND SEEDLING SHOW

Sunday, September 11, 1949, at our farm, State Route 91, Solon, Ohio. Beyond doubt the best attendance of any of the state society recent introduction and seedling shows. (Some states have several). R. I. and Seedlings are brought for scoring for possible Awards of Merit. Here we are often able to exhibit newly imported varieties a year or two before their appearance in U. S. catalogs and shows. We have an efficient traffic manager, lots of room, boating, cafeteria and picnic. Visitors from many states.

OTHER SHOW DATES

Eastern International, Binghamton, N. Y., August 16-17, 1949. N. E. G. S. at Boston, Mass., August 25-26, 1949.

COLOR AND SIZE CLASSIFICATION

The color separations as used by the New England Gladiolus Society, coupled with reference to the "Fischer" Color Chart and the size and color classification of a 1944 national gladiolus conference adopted by the North American Gladiolus Council in 1946 and now used by most of the 40 or more gladiolus societies in the U. S. merit your attention. We brief them here because it will enable you to understand our show and symposium tabulations and enable you to make judicious use of our method of cataloging varieties in their own color groups where the variety descriptions and prices may be readily compared. Our catalogs for a full twenty-one years have offered their varieties by color groups. This brief will also give you a rather complete understanding of any gladiolus show you may visit in the U. S.

Over the years we have participated in the development of these systems and with standards for scoring, five years while executive chairman of the American Gladiolus Society, five more as executive chairman of the Ohio State Gladiolus Society and this is our sixth year on the National Classification Committee.

SIZES

Giant	500 series	5½ inches and up
Large	400 series	4½ to 5½
Medium	300 series	above 3¼ to 4½
Small	200 series	2½ through 3¼
Miniature	100 series	under 2½

Thus the first digit of the 3 digit number indicates the size range of the floret of the gladiolus in question

COLOR SEPARATIONS

These are the 2nd and 3rd digits of the 3 digit numbers. The first of these represents the color group. The second denotes the depth of color within the group. If the color is without conspicuous marking this last number will be even. If the color has conspicuous marking the next higher odd number will be used. The color valuations refer to the revised Fischer Color Chart which is further mentioned on our "Society" pages at the end of our catalog.

00 White	00 (without conspicuous marking)	60 Rose	60 Light. (Nearest R5, trace of V)
	01 (with, etc.)		62 Deep. (Nearest R3, trace of V)
Cream	06 paler than Y6 and GY6	66 Lavender	66 (VR3-4-5-6, RV3-4-5-6)
10 Yellow	10 Light. (Y5-6)	70 Purple	70 (RV1-2, VR1-2)
	12 Deep. (Y2-3-4)	76 Violet	76 Light. (V4-5-6, BV4-5-6)
Buff	16 (0Y6, Y06 and paler)	78 Deep. (V1-2-3, BV1-2-3)	
20 Orange	20 Light. (05-6, Y05 and paler)	80 Smoky	80 (Containing gray. Can subdivide)
	22 Deep. (0Y2-3-4, Y03-4, 02-3-4-5)		82 (Orange smoky)
	24 Red O. (R02-3)		83 (Salmon smoky)
30 Salmon	30 Light. (R05-6 and paler)		84 (Pink smoky)
	32 Deep. (0R5-6, R04)		85 (Red smoky)
36 Scarlet	36 (0R3-4)		86 (Lavender or rose smoky)
40 Pink	40 Light. (R6 and paler)	90 Any other color.	(mostly brown shades)
	42 Deep. (R5)	Glads now readily fall into place. The giant, unmarked white Snow Cruiser is 500. Picardy 530. Sir Galahad 511 being a giant, blotched, light yellow, etc.	
50 Red	50 Light. (R4)		
	52 Deep. (R3)		
	54 Black. (R1-2, 0R1-2)		

TABULATION OF 1948 WINNERS WITH COLOR VALUE RATINGS AND OVER-ALL RATINGS

This tabulation takes upon itself this year an added service to our customers, namely, color rating most of the currently prominent varieties. We know it will cause a commotion among society members. It may be considered too difficult a subject for one person to undertake. At least, not many have broad enough personal experience to have studied a thousand or so modern glads, specifically making notes with a view to color rating them as we have done. Even large gladiolus societies, with advertising space to sell in their publications may hesitate to directly value new introductions but, nevertheless, be willing to report the opinions of qualified members or a symposium of its qualified judges or even a complete symposium of its entire membership. Let us induce some ranking society to conduct a judges' or members' symposium of color rating from year to year on 5 year term recent introductions!

We hope our tabulation will cause one or more of the regional or national gladiolus societies to expand the subject for two reasons. First, we regret to note that the large majority of judges fail to discount for poor color values, often not even remotely to the extent our standards for judging provide but are, instead, awed by form and size. Thus a bloom with color worth a 90% perfect rating (i. e., about 23½ rating points if 26 are allotted to color) often loses to a comparable spike, the color of which is worth,

for example, only 19-20 points or even less because the beautifully colored spike has one slightly misplaced floret (penalty per floret perhaps a fragment of 1 point) or has one or two less open florets or several less total buds (demanding a penalty again of only perhaps a fragment of a point).

Second: As long as judges neglect to consider color values to the extent the methods and points of scoring provide, it will remain an easy matter for hybridists with an eye to production of well grown show specimens to flood the market with muddy colors or streaky or unharmonious colors. Add a few good advertising superlatives and it may take the buying public many years to weed them out. We believe no glad is better than its color, however big and impressive it may otherwise be.

We concede that a substantial part of gladiolus bulb buyers are attracted by colors which show considerable flecking, streaking, feathering and penciling. In this era of mass hybridizing by all and sundry, with Picardy as one parent, numberless glads with great vigor, great size and fine form are readily obtainable. But, usually, the Picardy throat brush persists, the color obtained feathers or deepens to outer edge or the color, if smooth, lacks clarity, brilliancy or saturation or flakes off in humid or soggy weather. There are and will be more and more such offerings by enthusiastic hybridizers awed by the form and size of their seedlings.

EXPLANATION OF THE TABULATION.

It accomplishes many things.

1. The first number after variety name is the percentage of the total points allotted for scoring color of cut flower blooms. Color is presently awarded anywhere from 15 to 30 points and should be standardized. This percentage is entirely our own humble opinion. We have tried to be very conservative. We wanted to leave ample room for expansion up to take care of errors of judgment and allow plenty room for betterment in color values in future introductions. Roughly, you might consider a rating of 95 up superlative. 88-94 outstanding. 84-87 good. 80-83 fair to passable. Under 80 definitely deficient. We hope any hybridists irked by a given rating will complain (not to us) to his various societies, asking them to do a better job and correct our errors. Every variety we have color rated we have grown or studied elsewhere growing or on the benches of the various prominent shows we attend, such as 8 in '47 and 10 in '48. If unknown to us we substitute a question mark.

2. The second number after the variety name indicates the number of grand championships, color championships (as we know them in U. S.), Awards of Merit and First Class Certificates. These are the highest honors they can get in U. S.

3. The third number indicates lesser yet special awards not tied down to color separations, namely Reserve Champions, Second Day Champions (show rules are too varied and erratic here to compare them with first day champions), Division Champions, Section Champions, Largest Floret, Most Open Florets and Longest Flowerhead. Nothing more. It does not include such items as most ruffled, most buds, most beautiful (seldom chosen by competent judges, but usually by visitors), best Canadian origination, etc.

4. The actual sequence of varieties is our own Over-All rating. As heretofore, the varieties are listed within their classification in the order of **our** preference, reflecting **our** opinion of their relative worth. You note that his tabulation is in no wise restricted to the varieties we offer for sale.

This is an Over-All rating that goes much farther than scoring cut bloom. It includes all characteristics and all-round value, based on value for exhibition, value as a cut flower to the average grower, growing habits in the field, resistance of the plants and bulbs to disease, etc. Thus, some deficiency of attachment of florets in our Over-All rating may be overcome by size, color, health, etc., to the extent it may be a superlative glad for all but the large volume, distant shipping cut flower grower (Strathnaver could be an example). The large volume, distant shipper of bloom has special problems of his own. He

must search out varieties which can be cut in very tight bud, be shipped thousands of miles and still open properly. If he grows in a climate very humid at bloom time (as in Florida and S. W. California) he must search out varieties which can survive such climate. Across the northern states we sometimes have spotty spells of humid, soggy weather which will cause all too many glads to flake off splotches of their color. Such a glad may rate high in our color rating but get way down the Over-All rating list. Likewise, if the bulbs show the difficult to eradicate "water mark" disease.

Varieties listed in bold capital letters are considered of the utmost outstanding quality, judging them by standards far more severe than would cause us to vote them "A" for the Canadian Symposium. Varieties listed in capitals not bold are additional varieties that would receive our "A" by minimum "A" standards in the symposium.

Prize awards tabulated by the 2nd and 3rd figure after the variety name include only those obtained at the following 22 shows: Canadian G. S. (Vancouver, B. C.), East Liverpool, Ohio, Empire (Elmira), Illinois state, also Leroy, Indiana state, International (Binghamton, N. Y.), N. E. G. S. (Boston), Ohio state (Cleveland), also Chagrin Falls, Solon and N. W. Ohio (Toledo), Pa. state (Greenville), also Pittsburgh, Pacific N. W. (Everett), R. I. state (Providence), South. California, S. E. Mich. (Detroit), Tri State (Wellsville, Ohio), Wash. state (Seattle), W. Va. state (Wheeling) and Wisconsin state (Kohler).

"Let me first tell you that I think your catalog is a masterpiece. I don't suppose that any of us, who have come to look forward for it each year, realize the vast amount of headaches involved in collecting and tabulating the data. To me it is an important part of the Glad cycle each year and is sincerely appreciated." D. W. M., Bradford, Pa.

"While in Customs getting the lot of bulbs from you I met our Canadian Inspector and he told me that the lot I was in for (your shipment) was as fine a lot as he had ever examined and every corm a perfect one in being absolutely free from defect, thrips or disease of any kind. That was getting real value for my money, particularly in view of the fact that your overcount and extras more than made up for the exchange, duty and express incurred." J. W. McL., Ottawa, Ont.

"I have just now got around to reading your excellent '48 catalog. I heartily agree with you that 'no glad is better than its color.' I, too, feel strongly against flecking. Your recommendations on culture and disease control are the best I have found." Robert O. Magie, Pathologist, Gladiolus Investigations, Agric. Exper. Sta., College of Agriculture, University of Florida.

"For once in my life I had flowers as beautiful as the catalog promised and that is something." E. A. T. Otterville, Mo.

GIANT

500 Series (over 5½ inches)

500 White —

STRATHNAVER 96-1-1
 BARBARA SCOTT (Salman) 93
 ANZACS 89
 SILVER WINGS 91-2-4
 MORNING KISS 85
 SNOW CRUISER 88
 WHITE CHRISTMAS 92-0-2
 Aviatrice 90
 Mt. Kosciusko 87-0-1
 Lily White 83
 Neva 82
 Christine 78
 Texas 78
 Crystal 84
 Dr. von Dobben de Bruyn 84
 White Magic 78
 Reliant 78
 Anna Mae 83
 Snow Mountain 82
 Peggy Farrell 70
 Eureka ?
 White Goddess ?
 Winter White ?

501 White +

MARGARET BEATON 88-0-1
 Rossevelt's Memory 82
 White Challenge 80-1-2
 Mrs. M. J. White 80-0-2
 The Bride 80
 Margaret Barrett 79
 Violet Dickenson 78

506 Cream

SALMAN'S GLORY 92
LEADING LADY 90-0-10
CORONA 80-0-2
 Grace Moore 82
 June Bride 84
 Reg. Leahy 84
 Sparks 82
 Connie G. 88-0-2
 Shirley Temple 86
 Stratosphere 82
 Oriental Pearl 78-0-2
 White Gold 79-0-1
 Lake Placid 86

510 Light Yellow

SIR GALAHAD 86
 Chagrin 86
 Orion 85
 Debutante 84
 Coventry 81
 Tahlahneka 81
 Discovery 70

512 Deep Yellow

GARDEN GOLD 85
JAVA 85
 Golden Favorite 85
 Golden State 72
 Laburnum 75

LARGE

400 Series (4½—5½ incl.)

400 White —

VREDE 90
FLORENCE NIGHTINGALE 84
WHITE WINGS 86
 Myrna 82-0-1
 Mont Blanc 86
 Templar 84
 Igloo 85
 White Standard 84
 White Celeste 84
 Snowflake 85
 Spindrift 83-1-3
 Juniklokken 85
 Snow Princess 82
 Lady Ann 80
 Heavenly White 80
 Surfside 78
 Fair Angel 78
 Matterhorn 80
 Wax Model 72
 Benison 70
 Jack Frost 83
 Glacier ?
 Silver Court ?
 Mary Odell ?

401 White +

Mt. Index 85
 Caribou 83-1-1
 Elegant Lady 82
 Lajla 81
 Ariadne 76
 Silentium 76
 Silver Star 76

406 Cream

JOE STALIN 88
LADY JANE 86-0-1
 Sincerity 84
 Helen Eaken 87
 Beersheba 86
 Record 87
 Mrs. G. G. Errey 82-0-1
 Angela 80
 Wanda 80
 Winston 87
 Intermezzo 79
 Pacifica 78
 Vee Cream 74

410 Light Yellow

WORLD BEATER 87
 Aureole 86
 Golden Beauty 84
 Gleam 82
 Golden Arrow 81
 Kathy Lee 82
 Yellow Ruffles 84
 Crinkle Cream 80
 On the Beam 80
 Martha Dean 78-0-1
 Lemon Ice 78
 Yellow Herald 77
 Moneeta 76
 Golden Dragon 75
 Oregon Gold 75
 Perdita ?

412 Deep Yellow

SPOTLIGHT 85-1-1
 Golden Ophelia 87
 Cathay 87
 Manchu 84
 Amberglow 92
 Klondike 80

MEDIUM

300 Series (3½—4¼ incl.)

300 White —

Tunia's Snowball 89
 Alpine 82
 Arctic Snow 80-0-1
 Lord Selkirk 83
 Snowsheen 78
 White Eagle 80
 Pearl Harbor 80
 Emblem of Purity

301 White +

Pax 75
 Robert Shippee 74
 Bob White 72
 White Orchid 72

306 Cream

Green Light 89
 Mary Elizabeth 78
 Gardenia 78
 Wedding Gown 75

310 Light Yellow

ELIZABETH MAIER 83
 Cut Up 83
 Color Marvel 80
 Yellow Paradise 80
 Ophir 78
 Candelabra 77
 Babs 75
 Sole Mio 74

312 Deep Yellow

SOLID 89
GOLDEN GODDESS 89
 Belle Jaune 85
 Mother Kadel 83
 Spun Gold 85
 Kathleen Sutherland 86
 Van Gold 78-0-1
 Yangtze 79
 Golden Teton 79
 Hokus Pokus 68
 Gold Lode ?
 Frank Warner ?-0-1

GIANT

500 Series (over 5½ inches)

516 Buff**HELEN OF TROY 85**

Kawatiri 86
Gold Medal 83
Gold Standard 80
Grand Canyon 80
Dr. Whitely 80
Bingo 72

520 Orange**TUNIA'S DELIGHT 91**

Bobby Dazzler 86
Skylark 82
Chief Pontiac 84-0-1
Daisy Mae 80
Evenglow 84
Palermo 80
Aleta 79
Chunking 70
Ursus 75

530 Light Salmon**MRS. E. BOTH 91-0-1**

PICARDY 86-1-3
ANCASTER FAIR 87
Marsden 82
Aranjuez 80
King of Hearts 78
King William 78-0-1
Lady Wayne 80-0-1
Glamis 84
Olga Tschechova 80
W. R. Reader 70
Colossus 72
Butterscotch ?
Kelsey ?-0-2

532 Deep Salmon**BOLDFACE 92**

HARMAU 89
Normandy (Bijvoet) 80
Marion Pearl 86-0-1
Marguerite 83
Strawberry Peach 81
Aladdin 83-0-1
Huldelehn 85
King Alfred 84
Titan 74-0-1
Genghis Khan 80-0-1
Pioneer 78
Miss New Zealand 77

LARGE

400 Series (4½—5½ incl.)

416 Buff

STRALIA 91
HUGH PRICE 92
PACTOLUS 89
Sunspot 84-1-11
Sunlight 84-2-3
Charmoluck 84
Marimba 82
Grenadier 79
Glenolden 78
Athlone 74-0-2

420 Orange

CIRCE 90
TUTS BOTH 86-0-1
ALL GLORY 85
Dazzler 87
Orange Gold 86
Henri de Greeve 84
Lantana 84
Drum Major 84
Kestrel 82
Coral Glow 82
Janet Lee 85
Gratitude 84
Blomfontein 82
October Sunshine 80
Daphne 80
Glow 80
Cracker Jack 78
Bancroft Winsor 80
Hurricane 78
Bittersweet 70
Silver Banquet 77
Trocadero 83
Larime 70
Marqueeta 70

430 Light Salmon**POLYNESIE 89**

Marlene Both 89
Ann Stralia Both 87
Jeanette White 82
Blaire Marguerite 86
Geraldine 85
H. B. Pitt 82
Fred Tucker 80
Jeanie 85
Ace of Hearts 84
Rialgar 80
Brittany 84
Victory Queen 87
Grace Estella 80
April 78
Sierra Sue 76
Mr. W. H. Phipps 75
Gavotte 72
Frontier 70
Junior Miss 70

432 Deep Salmon

TUNIA'S FANCY 89
SPITFIRE 84-1-4
WATERMELON 90
DIEPPE 86
Atlantic 80
Spic and Span 78-0-5
Paul Veronese 83
Gaylore 84
Millet 82
Ladrone 78
Albert Hall 70
Marie Antoinette 80
Tara 80
Holland's Glory 75
Showboat 70
A. L. Stephen 77
Madeline Brown 78-0-1
Limburgia 70
Ogarita 70-0-3
Capsicum 70
First Lady 75
Kildonan 83
Liberation 70

MEDIUM

300 Series (3½—4¼ incl.)

316 Buff

PATROL 84-0-1
DONNA 84
Aglow 80

320 Orange

HUAHINA 85
Amberlite 83
Orange Prince 85-0-2
Bit o' Heaven 82-0-2
Padre 75
Olive Marie Brown 80
Orange Opal 75
Dixie Gold 75
Orange Sovereign 70

330 Light Salmon

Gorgeous 83-1-2
Pfitzer's Masterpiece 75
Similor 78
Style Plus 82

332 Deep Salmon

MARG. FULTON 84-0-1
Bonneville 70
Early Peach 80

GIANT

500 Series (over 5½ inches)

536 Scarlet

AUSSIE 86
 MRS. A. B. STREET 85
 DESTINY 84
 ALGONQUIN 84-0-2
 Red Wing 83-0-1
 Tunia's Marvel 80
 De Goede's Triumph 80
 Flame Queen 80
 Walk Over 85
 Commando 78
 Sunset Orange 79
 Cheyenne 78

540 Light Pink

MYSTERY 83
 STELLA ANTISDALE 84
 BIG TOP 82-0-3
 Rima 87
 Phantom Beauty 82-0-5
 Heart's Desire 84-0-1
 Bernard Shaw 80
 Grand Opera 84
 Eglantine 85
 Cleo 78
 Miss Vermont 75
 Yankee Clipper ?
 Lady Luck ?

542 Deep Pink

PERSONALITY 86
 ESSA MARIE 83
 California 85
 Bob Both 80
 Summer Gal 78-0-2
 Treasure Island 84
 Pink Charm 75
 Marlyn 75
 Cherry Jam 74
 Pink Picardy 74
 Cover Girl 68-0-1
 Regal Lady 70

550 Light Red

MID-AMERICA 90-1-14
 Animation 85
 Red Rascal 84-0-1
 Dr. Pryor 82
 Evelyn May 82
 Ohio Non Pareil 81
 Daniel Boone 84
 Intruder 76
 Mammoth Ohio 68

LARGE

400 Series (4½—5½ incl.)

436 Scarlet

PFITZER'S CENTURY 87
 JOH. von KONYNENBURG 86
 CARNIVAL 90
 Beacon 80-0-1
 Redowa 80
 Berolina 82
 Hiawatha 82
 Southern Drama 83
 Feuerreiter 85
 Regent 80
 Mercury 83
 War Paint 80
 Red Penny 80
 King Bee 80
 St. Edward 78
 Tunisia 75
 New Europe 82
 Topscore 84
 Mt. Gem 75-0-1

440 Light Pink

GRETA GARBO 89-1-3
 PRESIDENT TRUMAN 89
 MRS. P. COSTA 89
 HIGH COMMAND 85
 CONN. YANKEE 87-4-8
 Memoir 86
 Truelove 86
 Chantilly 84
 Yankee Lass 84-1-1
 Joyce Beverly 84
 Susannah 85
 Ivy Robertson 82-0-2
 Ethel Cave Cole 77-0-1
 Pink Radiance 81
 Candyheart 80
 Bengasi 85-0-4
 Adoration 80
 Beauty's Blush 75
 Chic 80
 Lady Boo 82
 Deborah Sampson 84
 Legend 78
 Criterion 80
 Star Gazer 80
 Magnolia 80
 Medallion 75
 Myrth 75
 Lipstick 75-0-1
 Gavotte 70
 Fay (Jack) 65

442 Deep Pink

NECIA 87
 Cotillion 82-0-2
 Fabulous 82
 Algoma 75
 Phedra 80
 Peggy Lou 80
 Neon 82-0-4
 Miss Michigan 80
 Cervantes 70
 Wings of Song 74-0-1

450 Light Red

Thriller (Ev.) 84
 Rocket 82
 Harry Grant 82
 Gracie Allen 82
 Red Cherry 82
 Hawkeye Red 80-0-1
 Redwood Beauty 85
 Red Lightning 78
 Master Myron 76
 Nancy ?-0-2

MEDIUM

300 Series (3½—4¼ incl.)

336 Scarlet

TARAWA 82-0-2
 Mrs. Rich. McGovern 82-0-2
 Dr. F. E. Bennett 72
 Roland ?
 Firefly ?

340 Light Pink

Mme. Curie 84
 Sweetheart 83
 Dream Castle 78
 Variation ?-0-1

342 Deep Pink

Pink Paragon 85-0-1
 Pandora 80-0-1
 Joyful ?
 Boise Belle ?

350 Light Red

Red Phipps 80-0-1
 Totem ?

GIANT

500 Series (over 5½ inches)

552 Deep Red**MIGHTY MONARCH 90-1-4**

Birch Red 84
 Rodney 82
 Interceptor 80
 Hindenburg's Memory 81
 Commander Koehl 83

554 Black Red**MARSHALL MONTGOMERY 90**

MRS. R. G. ERREY 86
 Black Cherry 83
 Rich Red 84
 Dragon's Blood 85
 Black Panther 72
 Rewi Fallu 78
 Royal Garnet ?

560 Light Rose**COUTTS ORCHID 86****PROSPERITY 85****GENERAL EISENHOWER 83**

Evangeline 84-0-9
 Bernadette 80
 Leeuwenhorst 78
 Festival Queen 82
 Rosea 74-0-1
 Aurora 74
 Sensation 76
 Astrid 78
 Dawn Glow 78
 Rose Ruffles 70
 Miss Chicago ?-0-1

562 Deep Rose

Burma 81
 Hillcrest 80
 Grand Monarch 83
 Exquisite 80-0-1
 Malta 78
 Buena Vista 83
 Sophia ?

566 Lavender**TUNIA'S MASTERPIECE 90**

Orchid Marvel 82
 Minstrel 80
 Elizabeth the Queen 82-0-5
 Parthiana 82-0-2
 Siboney 83
 Patrician 83

570 Purple

MARGARET WOOD 85
 CONVOY 83
 Nila 80
 Memorial Day 83
 Themesong 78
 King Lear 84
 Mrs. Mark's Memory 80
 Takina 80
 Lexington 81
 Parnassus 76
 Crown Orchid 74

LARGE

400 Series (4½—5½ incl.)

452 Deep Red**FIREBRAND 93-0-1****RED CHARM 89-0-1**

C. Roberts 87
 Joe Wagenaar 86
 Red Viking 83
 King Click 82-0-2
 Stoplight 83
 Royal Windsor 80
 Kenwood 80
 Rampart 75
 Cezanne 77
 Indian River 65
 Crimson Tide ?

454 Black Red**MAURRIE TREVAN 87**

MANSOER 89
 Ruffled Night 80
 Mohawk 82
 Black Magic 82
 Midnight Red 81
 Uncle Tom 75
 Paul Robeson 77
 Rose Red 70

460 Light Rose**TIVOLI 91-1-1**

Topflite 85
 Miss Wisconsin 83-0-1
 Rosa van Lima 85
 Skymaster 84
 Venida 84
 Eiffel Tower 80
 Ballad 80
 Chamouny 77-0-1
 Tralee 75
 Frances M. Irwin 75
 Candy Cane 75
 Detroit News 70
 Cape Cod 65
 Maxwellton 65
 Preview 65
 Sunday Best ?-0-4

462 Deep Rose**H. R. HANCOCK 89**

Modern Times 84
 Boulogne 80
 Oregon Rose 82-0-1
 Cherbourg 80
 Leona 84
 Rosy Torch 78
 Harry Hopkins 75
 Sioux City Sue 78
 Fuchsia Belle 80
 Diadem 60

466 Lavender**MINUET 86-0-1****LAVENDER DREAM 90****BENJ. BRITTEN 87**

Huntress 80-0-2
 Lucky 75
 Isola Bella 78
 Badger Beauty 74
 King Athur 82
 Lavender Prince 78
 Myrna Fay 65

470 Purple**LANCASTER 87**

Paul Rubens 83
 Vulcan 85
 Stapleford 80
 Elanora 78
 Rangoon 80
 Ankara 84
 Purple Beauty 78
 Purple Supreme 86
 Brocade 78
 Fuchsia Queen 80
 Naringal 75
 Concord 76

MEDIUM

300 Series (3½—4¼ incl.)

352 Deep Red

Harlekin 85
 Royal Robes 84
 Summer Fragrance 65
 Cubana ?

354 Black Red**BLACK OPAL 80-0-2**

Tobruk 86
 Oeganda 87
 Black Diamond 83
 Red Velvet 83
 Malay Chief 78

360 Light Rose

Betty's Choice 83
 Charmaine 80
 Betty Jane Schul 80
 June 78
 Rose Charm ?-0-1
 Prelude ?

362 Deep Rose

Diplomat 82
 Early Rose 80
 Dream o' Beauty 84
 Garden of Nations 83-0-1

366 Lavender**KITTYHAWK 86**

Wedgewood 88-0-2
 Coronet 84
 Mrs. E. Burkinshaw 83
 Lavender and Gold 85
 Lilac Time 82
 Gertrude Swenson 84
 Colonial Maid 83
 Peggy 81
 Lavender Ruffles 80
 Poet's Dream 80-0-1
 Abigail 75
 Grand Opening 72-0-1
 Hildred 75-0-1
 Lavender Queen 70-0-1

370 Purple**HAVELOCK 86**

Koran 82
 Gloaming 78-0-2
 Charles Dickens 80
 Herbstfreude 80
 Beverly 81

GIANT

500 Series (over 5½ inches)

576 Light Violet

BLUE ICE 85
Blue Orchid 80
King of Blues 80
Blue Bonnet 80

578 Deep Violet

Pansy Blue 78

580 Smoky**TUNIA'S MAHOMET 89**

Tunia's Aristocrat 82
Tunia's Wizard 82
Fred Parker 82
Flying Fortress 81-0-2
Voodoo 80
Moon Glow 80
Maple Leaf 77
Mistaya 77-0-1
Persian Beauty 75
High Finance 73
Storm Cloud 75
Misty Dawn 74
Mrs. C. W. Gannett 65

590 Any Other Color

TUNIA'S ELITE 84
TUNIA'S ATOMIC BURST 84
R. B. 78-0-2
Bronze King 80
Tony 80

LARGE

400 Series (4½—5½ incl.)

476 Light Violet

RAVEL 82
Blue Beauty 78
Muzio Clementi 80
Blue Boy 80
Allegro 84
Hight Life 85
Pfizer's Success 85
Great Lakes 81

478 Deep Violet

Blue Lagoon 82
Tunia's Blue 80
Robert Burns 80
Porcelain Blue 77

Atlas 70

480 Smoky

PASTEL 84
Gray Dawn 70
Zuni 77
Silver Gull 80
Mother Machree 74
Twilight Dream 77
Stormy Weather 70
Uhu 70
Romany 68
Dusty Miller 65
Bagdad 65
Ieka 60
Rev. Sam Chadwick 60
Pink Mist ?-1-0

490 Any Other Color

Buckeye Bronze 80
Keith 75
King Tan 82
South Seas 80
Choctaw 77-0-1
De Grysaard 70
Xerxes 78
Robinson Crusoe 65

MEDIUM

300 Series (3½—4¼ incl.)

376 Light Violet

Better Times 80
Max Reger 78

378 Deep Violet

ABU HASSAN 86
Bluet 82
Oberbayern 80
Rudolph Serkin 78
Blue Admiral 77
Pelegina 84
Atlas 70

380 Smoky

Oklahoma 75-0-1
Intrepid 72
Susan 70
Beltrami 70

390 Any Other Color

Vagabond Prince 86-0-1
Pinocchio 84
Candy Fudge 60

GRAND CHAMPION BLOOMS

The Grand Champion Bloom of the Show is, ipso facto, a sweepstakes award to the best spike in the Exhibition, wherever found. If not so chosen we prefer not to list them.

Some (not many) hybridizers and catalogers are very loose in their use of the words "Winners," "Champions," etc. For your own protection, scrutinize these assertions closely and see if the winning is identified to time and place. An honest introducer of new varieties will be reasonably sure to specify rather than generalize or use language intended to deceive.

In recent years many of the larger shows have provision for sectional and division champions. Topping these, most sizeable shows now provide for the single spike Grand Champion Bloom of the Show. A few of them, where enough hybridizers exhibit to warrant, provision is made for Champion Seedling Bloom.

Grand Champions in major shows about the world in 1948 follow:

Ancaster Fair—Hamilton District.

Athlone—Winnipeg and C. G. S. (Vancouver).

Burma—Victoria, B. C.

Caribou—Wisconsin state.

Cleo—Empire (Elmira).

Conn. Yankee—Iowa (Algona), Illinois (Chicago) and (Leroy), Pennsylvania state (Greenville) and (Pittsburgh).

Dauntless—Ballarat, 2 shows, February and March.

Elizabeth Bickford—Kilburn, So. Austr., December '47.

Elizabeth the Queen—Wisc. (Madison).

Essa Marie—Maine state.

Ethel Cave Cole—Illinois (Momence).

Evangeline—Illinois (Edwardsville).

Firebrand—Niagara Peninsula (Ont.)

Greta Garbo—Yakima Valley also Pacific North West.

High Command—Delaware state.

Huntress—Oshawa District (Ontario).

Joe Stalin—So. Austr., December '47.

Leading Lady—Conn. state and Maryland state.

Legend—Illinois (Champaign).

Margot Elizabeth—RHS, Vic., Austr., March, '48 and New Norfolk, Tasmania.

Maurrie Trevan—So. Austr., January, '48.

Merrie Aussican—Cheltenham, South Australia.

Mid-America—W. Virginia state also Wisconsin (Sun Prairie).

Mighty Monarch—Ohio (Chagrin Falls).

Mrs. E. Both—St. Peters, So. Australia.

Mrs. R. G. Errey—Palmerston North, N. Z. also Addington, N. Z.

Mt. Kosciusko—Dubbo, N. S. W.

Picardy—Michigan state.

Pink Mist—So. California.

Red Wing—Eastern N. Y.

Reg. Leahy—So. Australia main show, November, '47.

Silver Wings—N. E. G. S. (Boston).

Spic and Span—Okla. and Nebr.

Spindrift—Internat. (Binghamton, N. Y.).

Spitfire—Indiana state.

Spotlight—Illinois state.

St. Edward—West Australia, October, '47, So. Australia early show December, '47, Tanunda, So. Australia, '48.

Strathnaver—Rhode Island state, Claremont, also Dover, Tasmania.

Sunlight—Tri State (Wellsville, Ohio).

Tunia's Masterpiece—West Perth, W. Australia, also Auckland, N. Z.

Vista Bonita—Calgary, 2nd show.

W. R. Reader—Calgary, 1st show.

Yankee Lass—N. W. Ohio (Toledo).

COLOR CHAMPIONS

The Ohio Society, which for many years has pioneered in the matter of adopting betterments for its flower, is the first society on this continent to adopt into its prize schedule the award COLOR CHAMPION OF THE SHOW.

Any judge, until judging is completed on the first day of the show, may bring to the "Color Champion" table any spike in the show which he considers worthy of inclusion for consideration as Color Champion. This award reflects the endeavor of the society to search out and commend varieties whose introduction or prospective introduction contributes substantially to the betterment of color values in their respective color class.

D. Both's Memory—2nd Tasmania G. S., '45.

Drum Major—Tri State, Wellsville, Ohio, '45.

Firebrand—2nd Ohio show and Tri State, Wellsville, Ohio, '46.

Frances Irwin—Akron, Ohio, '44.

Great Lakes—Ohio, '46.

H. R. Hancock—Ohio, '43.

Huldelehn—So. Australia, November, '47.

Mid-America—Ohio (Solon), '45.

Mrs. R. G. Errey—Tasmania G. S., '46.

Sunlight—Tri State, '48.

Tivoli—Ohio (Solon), '48.

Tunia's Delight—Ohio (Cleveland), '47.

Tunia's Mahomet—Tasmania G. S., '41 and '45.

Tuts Both—Cleveland, Ohio, '44; W. Va., '47.

Wedgewood—W. Virginia, '48.

BEST RECENTS, 1948 SHOWS

Ancaster Fair at Hamilton Dist., Ontario.

Chief Pontiac (informal R. I.) N. E. G. S. (Boston).

Cleo, Empire (Elmira).

Connie G., Wisconsin state.

Conn. Yankee, Pennsylvania state and Ill. (Champaign).

Dieppe, Nebraska.

Evangeline, Pa. (Pittsburgh), Ohio state (Cleveland), Ill. (Edwardsville), C. G. S. (Vancouver).

Gaylore, Calgary.

Heart's Desire, International (Binghamton, N. Y.).

Huntress, Oshawa District, Ontario.

Joyful, Illinois (Mokena).

Mid-America, W. Virginia state, Ill. state, Pacific N. W. and Wisc. (Sun Prairie).

Mighty Monarch, Ohio (Chagrin Falls).

Neon, Illinois (Leroy).

Red Rascal, Ohio (Solon).

Rita Mae, Yakima Valley, Washington.

Spic and Span, S. E. Michigan (Detroit).

Strathnaver, Rhode Island state (presumed since also grand champion).

Sunday Best, Indiana state (Wabash).

Sunspot, (formal R. I.) N. E. G. S. (Boston), also So. California and Michigan state.

Yankee Lass, N. W. Ohio (Toledo).

INVESTMENT

Buying seemingly expensive bulbs of new introductions of proven merit is an investment seldom given proper consideration. A single medium (half size) bulb, an average from our list, will normally produce a spike approximately 70-80 percent of capability of a large bulb (not just 50 percent) and while doing it grow into a large bulb and produce on an average of 50 sizeable bulblets. In two more years of propagating one may well have 50 large, 200 medium, 500 small bulbs and 7500 bulblets. This expectancy has the earmarks of a good investment. But does it? Not unless two further facts are present. First, if the variety does not prove up to expectation and representation, the investment could be a loss of time and money. Second, and of equal importance, the relation of the quantity bought to the whole amount extant, or extant in America is vital. When you invest \$1000 in a newly formed corporation you use care to ascertain if your \$1000 will net you 51 percent of the stock, or 10 percent or just 1-10th of 1 percent. What of a difference, isn't it, though costing the same. Same way with glads. Some introductions have been launched at beginning prices of \$5 to \$10 per bulb with 100,000 or more bulbs already propagated. Many more with little background of proven merit. What chance has your investment to prosper in such cases?

CANDID

We ask our regular customers to read our variety descriptions from year to year. They are not static "originator's descriptions." We keep them up-to-the-minute in light of additional growing experience and other facts collected from world-wide sources.

We are growing all of the recent Both varieties, including the '48-49 as well as the large part of other recent Australian and New Zealand sorts. We do not wish to offer quantities too small or before our growing experience enables us to separate the sheep from the goats.

Word does get about. Such as concerning the stamina of the K & M spikes we carried for them to the N. E. G. S. (Boston) show, staging a very presentable specimen display for them. From the *Floris' Exchange* we read that it "won the Mass. Hort. Society vote of thanks and N. E. G. S. Purple Rosette. Of those shown Circe and Ravel were given M. H. S. Votes of Commendation. Pink Tivoli, rose purple Benjamin Britten and salmon Polynesie were in perfect condition at the Show's close." In the November issue of far away Australian *Garden Lover*, (Australia's foremost horticultural monthly magazine, Melbourne, overseas subscription 9/0 per year) we read several paragraphs devoted to this display including the sentence "The best endurance of any three spikes at Boston when the exhibition closed were those of Polynesie, an orange toned salmon with deep orange on petal borders."

As orders come in we keep a running inventory of sales vs. stocks, in order to be aware when a size or a variety is sold out. About May 1st we abandon this safeguard because of press of shipping work and preparation for our own plantings. On these late orders it is often difficult to know offhand if an item will hold out to the order number until reached.

SIZE OF BULB TO BUY

If economy be the aim, do not rely on small bulbs to give wholly satisfactory blooms. The small bulbs will all bloom but medium bulbs almost always give far better than "medium" sized spikes of the given variety. Our descriptions usually indicate whether or not the variety is an exceptionally fine producer of blooms from the smaller sizes.

Commercially, bulbs are graded into 6 sizes. Size 6 is under $\frac{1}{2}$ inch diameter and other sizes range up every $\frac{1}{4}$ inch, the number 1 bulb being $1\frac{1}{2}$ inch up. Catalogs commonly offer bulbs as L (large) (sizes 1 and

2) ($1\frac{1}{4}$ inch up); M (medium) (sizes 3 and 4) ($\frac{3}{4}$ to $1\frac{1}{4}$ inch); S (small) (sizes 5 and 6) ($\frac{1}{4}$ to $\frac{3}{4}$ inch) and Blts. (bulblets, the little hard shelled cormels which cling at the roots of the bulb).

The size (bulk) of bulb you purchase determines the amount of food with which you are starting to produce a given spike.

TERMS OF SALE

Cash with order.

Delivery after April 15th (normal beginning of mild weather hereabouts) prepaid in U. S.

NOTE: Bulb deliveries requested and made before April 15th will go post paid or express, transportation charges Collect, at our option, governed largely by weather and package size. Express charges vary with weight of parcel and distance, of course, but we would estimate the average cost of the average parcel will be roughly around 75c. If sent Express Collect we will, of course, add stock of value to exceed the express charges.

Replacement or refund purchase price any bulb, root, plant or seed that does not prove true to name or does not arrive in condition herein represented. Bulblet and seed germination are not guaranteed.

No substitutions will be made.

Orders received until planting but subject to stock being unsold. To get proper propagation of new sorts, it does not pay us to hold for further sale bulbs and blts priced only per each beyond May 1st. Order early. Our selling season is very short.

BULBS: 6 may be ordered at 5 times the single price. 12 bulbs at 10 times single price. 25 bulbs at hundred rate if such is given, otherwise at twice the dozen rate.

BULBLETS: Any amount at the rate offered.

Please be mindful that, under present conditions, items under about 15c are filled at a loss.

Delivery prepaid to foreign countries in the Postal Union having the usual 14c per pound rate, provided war restrictions of one kind or another does not bar such delivery except that purchases at 100 rate prices should add at rate 50c per 100 for large bulbs and 20c per 100 for medium sized bulbs.

Notice to Canadian Customers

The \$5.00 cash ceiling heretofore placed upon your import privilege has been removed. Apply to the Secretary of Destructive Insect and Pest Act Advisory Board, Dept. of Agriculture, Ottawa, Ont., for permit and mailing label.

S P E C I F I C S E E D C R O S S E S

Three years ago we said our luck could not last forever. Two years ago a hail storm decimated our crosses. Last year our crosses set pods but cold nights or other causes limited the amount of salable seed per pod to an average of 10 seeds, whereas 60 or more is normal. So what we have to offer now is little more than last year when we offered no listing but orders promptly sold them out. So, this year, we may as well identify what we have and reduce correspondence.

Kindly limit purchases per item to 10 seeds (order in units of 5 or 10 only). Seeds are 5 cents each, except as noted, a number of crosses of which we have less than 400 seeds each, are 10 cents each. Thus you see, even with these limits, just 40 customers can buy them out. In 1940 we sold 100 large bulbs of Picardy, postpaid in U. S. for 3 cents each, now seeds at 5-10 cents each. If we could convince our customers this is too high a price to pay for seeds, even such as these, after about 5 years of sell-outs we may be able to plant some seed again.

Order by postcard on receipt of catalog and we will reserve. Even that may be too late, so remarks about substitution could be in order. Listing items by their cross number will be sufficient, with quantity desired.

- | | |
|---|---|
| <p>801 Ann Stralia Both x Ravel.
 802 Barbara Scott x Tunia's Wizard. 10¢.
 803 Beersheba x Reg. Leahy. 10¢.
 804 Blue Ice x Florence Nightingale. 10¢.
 805 Blue Ice x Mrs. M. J. White. 10¢.
 806 Boldface x Joh. von Konynenburg.
 807 Boldface x Mrs. P. Costa.
 808 Boldface x Mrs. M. J. White.
 809 Flo. Nightingale x Marshall Montgomery
 810 Hugh Price x Strathnaver.
 811 Java x Reg. Leahy. 10¢.
 812 Joh. von Konynenburg x Java.
 813 Joh. von Konynenburg x Prosperity.
 814 Joh. von Konynenburg x Strathnaver.
 815 Marshall Montgomery x 3-53 (orange pink), our best seedling to date. 10¢.
 816 Mrs. M. J. White x Blue Ice.
 817 Mrs. P. Costa x Snow Cruiser. (limit 20).
 818 Mid-America x Joh. von Konynenburg.
 819 Mid-America x Circe.
 820 Mid-America x Evangeline. 10¢.
 821 Mid-America x Grand Monarch.
 822 Prosperity x President Truman.</p> | <p>823 Ravel x Ann Stralia Both.
 824 Ravel x Mrs. P. Costa.
 825 Paul Rubens x Florence Nightingale.
 826 Salman's Glory x Mrs. M. J. White.
 827 Snow Cruiser x Salman's Glory.
 828 Solid x Snow Cruiser.
 829 Strathnaver x Mid-America.
 830 Strathnaver x Ravel.
 831 Strathnaver x Tunia's Wizard. 10¢.
 832 Tivoli x Strathnaver. (limit 20).
 833 Tunia's Fancy x Boldface. 10¢.
 834 3-53 (our super beauty giant seedling) (orange pink) x Marshall Montgomery. 10¢.
 835 3706 (Stockton) a very sturdy, stretchy 340 class seedling x Paul Rubens.
 836 63820 (very round and flat clean cream, 5 inch florets on the sturdiest, straight stem we have ever seen) x Legionaire (Butt) new purple. (limit 20).
 837 63820 (as above) x Maurrie Trevan. This seedling (both crosses) made the best physical specimens of seeds in the list. (limit 20).</p> |
|---|---|

NOTE: For key to Series—size and color classification, see Page 4.

Our stocks of many new items in our list are rather limited, with no sudden methods of acquiring more. Our catalog usually issues about February 10. We feel entitled to consider our very regular customers.

We may restrict quantity purchase of items in very short supply for one month.

WHITE—00 Series

- 500 ANZACS** (Both '43) (our '49 import release) LM (late midseason). A tremendous, ruffled, clean white on a tall, wiry stem. Medium propagator. Has had 3 grand championships in Victoria, Australian shows.
 Each L (large) \$1.50 M (medium) \$1.00 S (small) .75 Blts (bulblets) .15.

- 500 AVIATRICE** (Sjerps) (our '47 import release) M. (midseason). A Picardy color sport from Holland. The white is a bit sulphur toned. Florets slightly ruffled. Our entry at East Liverpool show, '46 beat several good spikes of Leading Lady. Picardy size and habits.
 Each L .50 M .35 S .25 Blts (100, \$3.) (1000, \$15.).

- 500 BARBARA SCOTT** (Salman '48) (our '48 import release) M. Real snow white, absolutely no markings. Enormous flowers on exceptionally long spikes, on extremely strong, long and straight stems. Habits satisfactory and should become a fine show bloom and cut flower. We are greatly pleased with the purity of the color, its erect spikes and good growing habits.
 Each L \$3.00 (no dozen rate) Blts .30.

400 FLORENCE NIGHTINGALE (J. W.

Harris '47) M. Clean white, shading into creamy throat. While not the chaste white of Vrede, the color is very acceptable and all of its habits appear to make it a very outstanding variety. Florets are $4\frac{1}{2}$ -5 inches, slightly ruffled, 8 and more easily open on flowerheads close to 30 inches long, plants $5\frac{1}{2}$ feet tall, up to 21 buds. The vigorous growth, straight spikes in extremely hot weather, excellent propagation from plenty of large bulblets, practically all of which bloom into sizeable spikes if given room, mark the variety as a coming popular commercial.

As we expected, this variety displaced Leading Lady for topmost honors in the last Canadian Gladiolus Soc. Symposium. Each L \$1.00 M .60 S .40 Blts (100, \$6.).

500 MORNING KISS (Hulsebosch) (our '48 import release under the name Royal White which the Dutch society decided had been used too recently) . LM.

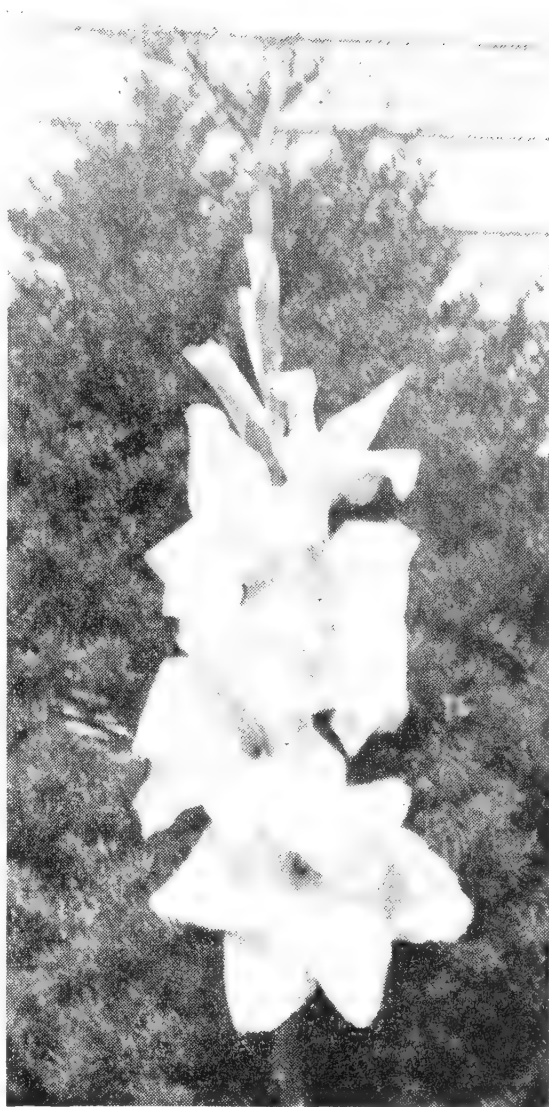
Clean, glistening, very faintly blushed white with a small, inconspicuous, deep pink brush deep in the throat. We bloomed about a thousand medium bulbs and were astonished at the utter magnificence of the very tall, straight spikes carrying $5\frac{1}{2}$ -6 inch florets, 8-10 open on the plant with plenty buds above. Three or four crooked. Healthy grower and prolific propagator. Holds much promise for commercial use. Has F. C. C. (first class certificate), Haarlem, '47. Our 1st at East Liverpool, Ohio show, '48.

Each L .30 Blts (100, \$3.) (1000, \$20.).

500 MT. KOSCIUSKO (Both) (our '47 import release) E. Purest white, no markings. Giant plants and bloom seem unstoppable. $8\frac{1}{2}$ -10 inch diameter depending on care given. Six foot tall even when poorly grown. Wide, round florets with individual petals 4 inches across. Florets face up a bit and do not flare out to their fullest extent, unassisted. See illustration of these florets on spike grown from a bulblet. We have seen white bud color protruding over 6 inches out of bud sheath on spikes from small bulbs. Attachment is as good as should be expected of such a giant. This is a fast propagator so the prices are already within reach.

Sec. champ. So. Australia G. S., Nov., '47, 10 inch diameter, 5 open, 25 inch flowerhead. Grand Champion, Dubbo, N.S.W., '48. 1st Pa. (Keystone, '48). Largest floret S. E. Mich., '48.

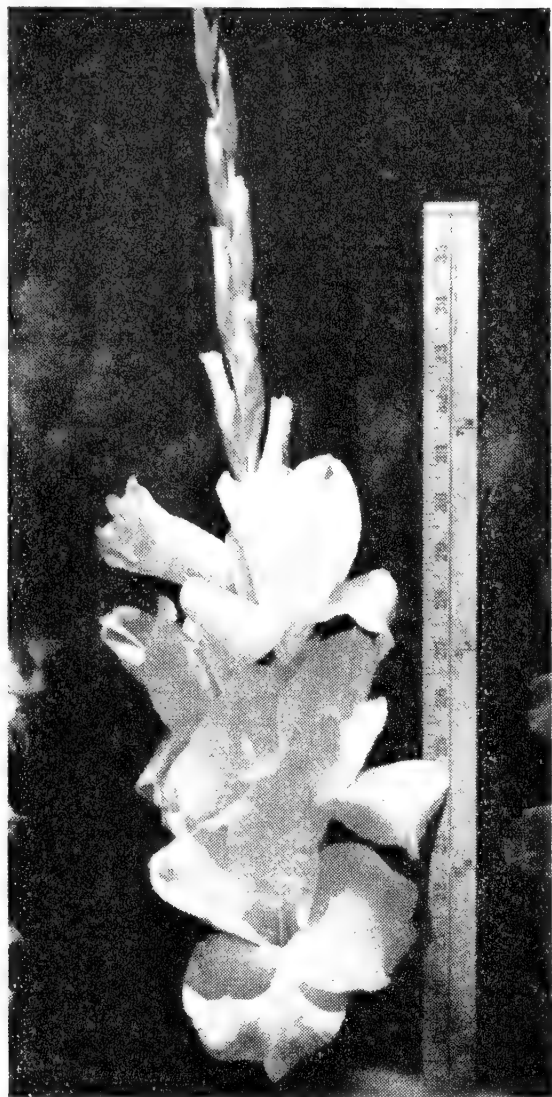
Each L \$1.00 M .75 S .50 Blts .08 (100, \$6.) (1000, \$35.).



MRS. M. J. WHITE (from bulblet)

501 MRS. M. J. WHITE (Both) (our '47 import release) M. Gigantic pure white with a very small violet throat mark. Well grown, blooms may be had up to $10\frac{1}{2}$ inches. The largest glad we have offered up to 1948. Last season, under adverse conditions there was some violet flecking on the white and a sharp 55-60 mile gale proved that the attachment of these immense florets could be better. Round, flat, wide open florets. Placement has continued excellent, even on spikes from bulblets. Our blooms from bulblets have reached $7\frac{1}{2}$ inches, 7 open. See illustration.

Our "largest floret," Chagrin Falls, Ohio, also at Binghamton, '48. Any size bulb, Each \$1.00 Blts .10.



MT. KOSCIUSKO (from bulblet)

500 SNOW CRUISER (Evans '43) E. An immense super giant, with round, smooth, wide open, snow white florets of 7 inches or more, holding their size with very little diminution up the spike. 7 open is normal but it has been shown with 11. Good propagator, makes grand blooms from the smaller sizes and frequently from bulblets. Considering its immense size, the attachment of all florets with occasional exception of bottom floret is reasonably satisfactory. Has proved itself to be a potential section or grand champion for any show. We have concrete evidence, many times confirmed, that Snow Cruiser imparts giant size to its seed progeny and the resultant color when used as a pollen parent strongly favors that of the seed parent. Mid-America is a currently published example. Each L .25 M .20 S .15 Blts (100, \$1.50) (1000, \$10.).

"Mt. Kosciusko is probably the largest and tallest white in commerce. Florets are huge, perfectly round and without any artificial help will grow $8\frac{1}{2}$ inches across." C. J. Coates, Victoria, Australia.

"This was my 26th year of growing gladiolus. Without any doubt the biggest thrill I ever had was the morning in August when I found Mt. Kosciusko in bloom. SUCH a giant. First bloom was $8\frac{1}{4}$ ", 65" tall; on second day after cutting 7 open out of 19 buds and a 34" flowerhead. The texture was remarkable for so big a bloom. How much better did you have it?" W. J. Dittman, Mich.

"A bouquet of Snow Cruisers which I sent to the President created a sensation. They had never seen anything like it and they all wanted the bulbs." Dr. J. J. Marek, Honduras.

"Snow Cruiser—what a glad. I had only bulblets but one bloomed like a million dollars, the spike had 13 buds, held 5 open at a time, the first bloom was $5\frac{3}{4}$ inches dia. and the cleanest and finest white I ever saw in any glad. It was really outstanding and I had a lot of comments on it." 9-12-'43. J. L. H., York, Pa.

"A bulblet of Snow Cruiser gave me the largest growth I ever saw from a bulblet—nearly 5 feet tall with 14 buds (taller than the bloom from the 2 bulbs I had). It sure is a giant and beautiful." 12-1-44 G. T. B., Shelbyville, Ill.

500 STRATHNAVER (Peattie) (our '47 import release) M. This is the most sensational dead white gladiolus we have ever seen. Can easily be grown without expert care 66 inches tall, 6-7 inch florets, 9-11 wide open, pure, hard, glistening white from No. 3 medium bulbs. Powerful, straight, self supporting spikes. This is not only the best white we have seen, by a wide margin, but we are also inclined to believe it is the world's most outstanding exhibition gladiolus of any color with no crowding for the position except by Mid-America. This variety is only a medium propagator though bulblets, once obtained, grow well and there is little hope, for years to come, that all of us will have all the Strathnaver we want. Spikes from large bulbs carry 21-28 buds. Our seed crosses on Strathnaver form the largest pods we have ever seen, only those on Grand Opera approaching them.

In our color value-prize tabulation we have awarded it color value the nearest to perfection of all. The spikes from small bulbs are breath-taking, truly magnificent. The plant and spike growth from small bulbs, together with that of Mid-America, is definitely in a class by itself, the foliage being heavy, 3-4 feet tall with giant spikes towering above, almost the full equal of those from medium and large bulbs. The attachment is a bit below the satisfactory level and this, together with medium propagation, will hinder its use for mass cut flower production but with ordinary reasonable care and attention the small cut flower grower with local markets will stun their buyers with Strathnaver for years to come and in the shows Strathnaver will become a standard of perfection difficult to beat.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

After four successive, difficult growing seasons, our last was good and particularly our small bulb field performed to perfection and our production of bulblets of Strathnaver, Mid-America and others took a very healthy jump and prices are substantially reduced accordingly to enable all our customers to be early owners of stock and first to dumbfound their friends with super-magnificent spikes.

Grand Champion in South Australia just before the war. In '45 best white in two Tasmanian shows and several in New Zealand. In '46 a spike from a No. 3 bulb meeting the above dimensions was Recent Introduction Section Champion also Reserve Champion of show, Mich. state. In '47 two more champion whites in Tasmania, firsts at Metropolitan and Tri-State, "Largest Floret" at So. Minn. and Reserve Champion at St. Elmwood (Winnipeg), this spike also grown from a medium bulb.

In October, '47, it was shown at W. Austr. G. S. show with 26 florets and buds and longest flowerhead. In March '48, at the large Melbourne show it was best white with 10 open and 22 buds.

Firsts also at Ohio (both Solon and Chagrin Falls), Pa. (Pittsburgh), Tri-State (Wellsville, Ohio), and Empire (Oneida). Also 2nd day grand champion Niagara Peninsula G. S. and grand champion at Rhode Island state show.

See illustration on front cover.

Bulbs any size, your choice, Each .75 (No dozen rate). **Blts** .10 (100, \$8.) (1000, \$50.) (Pint \$100.).

"Being my first show (Wis.) and travelling over 300 miles, I did not take any blooms. If I did I would have taken the works with my Strathnaver that I should have brought." E. F. McQuade, Wis.

"Just received word from my old friend, William Harris, that Strathnaver was an exceptionally fine glad in every respect. For 16 years I have found that when William Harris says a glad is good, it is good." A. J. D. Lake, Ont.

"When I saw Strathnaver at the Ann Arbor show (Mich. state) last year I made up my mind I'd have it even if I had to mortgage my law library. Enclosed find Order." A. L. Konczal, Ohio.

"Of the new ones—Strathnaver the most astonishing." Paul V. Baker, Oregon.

"This was my 12th year growing glads. To my judgment Strathnaver is the best dead white I ever grew and I grow about all the new white ones every year. I only wish I had 1-200 bulbs of Strathnaver." V. J. Headlee, Ohio.

"Strathnaver was a dandy, 2 show spikes from 3 bulbs, 23 buds, 6¼ inches, 7 open. It was the tallest, strongest glad in the garden. I made five crosses on it, one floret to a cross, with following results: 2 pods 80 good plump seeds each, 1 pod 84 seed, 1 pod 86 seed and 1 pod 96 seed. A mighty good average." A. J. D. Lake, Ont.

300 TUNIA'S SNOWBALL (Both) (our '47 import release) E. Very early, 60-65 days. Extravagantly beautiful, well ruffled, spotless pure white. A superb little glad but a poor propagator. Award of Merit, Ohio Society.

Each L (3 blts with each L) \$1.00.

400 VREDE (Peace) (K & M) (our '48 import release) M. A Silentium seedling. A very pure white color, buds as well. Has a tiny violet mark deep in throat. 4½ inches and larger, slightly ruffled and the uniformity of well placed and spaced florets makes a group of them a sight to behold. The stem is strong and wiry. The number open, 8-10. A very healthy grower and a good propagator. We consider that it outpoints Myrna in color, spacing and health. The spikes have an arresting elegance. We credit this variety with good show prospects and a fine cut flower future. Excellent blooms from small bulbs.

British buyers have fallen for this variety and absorbed most of the existing stocks, K & M already reporting sold out for this year.

Each L .60 M .45 **Blts** .10 (100, \$8.) (1000, \$40.).

"Of the new glads we grew this year, Vrede, we considered, was the most beautiful, with its very pure white color, just the right amount of ruffling and a placement just right for floral arrangements.

"The 5 bulblets of Tunia's Wizard all bloomed and made very good growth. Each had 12 bud spikes with five 8 inch florets open.

"Mid-America was our tallest and among them 5 spikes with ten 8 inch florets open on 24 bud spikes, a sight to behold." Bob Knopf, Wash.

"I cannot praise Strathnaver too highly. It was probably the best of the more than 50 new kinds I tried out this season." Lee M. Fairchild, N. Y.

"My son bought Strathnaver and Mid-America from you last spring and in my 20 years of growing glads I never saw anything to approach them." Christopher James, N. Y.

"Strathnaver is everything Herb Evans states in his 1947 catalog." G. Griffiths, Hon. Sec., Tasmania Glad. Soc.

"I purchased a medium bulb of Strathnaver from you. It bloomed in time for the St. Elmwood (Winnipeg) show. It won first in Sec. 1, snapshot enclosed (here reproduced.) It had 22 buds, 27" flowerhead, 8 open, 7 inches "as is" diameter, the whitest glad I have ever seen and attachment was very good." J. H. Pottage, Man.

"Guess I will have to sell my body to some Medical College so I can get some Strathnaver, Mrs. White and the new 12 inch variety." R. R. Kellish, Fla.

"Please forward '48 catalog when available for there is just a chance that you may be able to improve on '47 but I don't see how." Wm. J. Foster, South Australia

"Just received your Guidebook. I always enjoy reading it and find the information it contains almost as valuable as the Canadian G. S. Annual." A. R. Buckley, Ont.

CREAM—06 Series

406 BEERSHEBA (K & M '48) (our '49 import release) M. A beautiful, creamy green, deepening in the throat, a depth of green approaching that of the old variety "Green Light." As the bloom ages, the florets change up the spike to a light cream approaching milky white. The change starts to occur about when 3 florets are fully open. The color harmony remains good, a vase of 6-12 spikes is quite a beautiful sight to behold. Vigorous grower, 6-7 open, well placed, of heavy texture, and well attached to a good cutting stem. We grew a substantial stock of No. 4, 5 and bulblets and we are fully convinced that it will become an excellent cut flower.

F. C. C. (First Class Certificate) Haarlem '47.

Any size bulb, your choice, Each .75 (no dozen rate). **Blts** .10 (100, \$7.) (1000, \$40.).

507 CORONA (Palmer '40) M. The classification committee is still kicking this variety around. We declare it to be primarily a cream base with too little rose cast to consider calling it rose or light pink. But it does have conspicuous marking, not in the throat but in a rose picotee edge that varies in intensity under different growing conditions. Regardless of what color you call it, Corona is one of the world's most outstanding all-purpose glads.

L .10 **Blts** (100, .30).

507 GRACE MOORE (Salman '48) (our '48 import release) E. Very early. This is a seedling of Salman's Glory and has maintained the huge size of the latter. Pure light cream, shading through a very light blush into a dazzling orange scarlet throat. It has a wonderful spike and very long, extra strong and straight stem. First time shown in Holland in '47 so it will take several years as yet to collect its various possible awards. If you are looking for a loud throat mark, this is it.

Each **L** \$4.00 **Blts** .40.

406 HELEN EAKEN (K & M '47) E. This elegant, clean cream has a mild green shine on the lower petals which does not fade away as the bloom ages. Four inch florets, 6-7 open, 16 buds well arranged on medium tall spikes with all growing habits from planting stock appearing to denote excellent cut flower habits. F. C. C. Haarlem.

Each **L** \$5.00 **M** \$4.00 **S** \$3.00 (no dozen rate). **Blts** .50.

406 JOE STALIN (Both) (our '47 import release) LM. We did not name it and it is not red. One of the tallest glads, over 6 feet not uncommon and one of the longest flowerheads, 33-40 inches. Can hold 12 open, 4½ inches and larger florets, perfectly round, clean cream, deepening to yellow in the throat. Has already entered the "grand champion" columns and won several awards for "longest flowerhead." Propagation has proved prolific beyond our imagination. In late season we had dozens of spikes, cut tight, expand into show spikes with 12 open and perfect placement, all of which went on blooming well to the tip on extremely long heads.

Each **L** .50 **M** .35 **S** .25 **Blts** .05 (100, \$4.) (1000, \$30.) (Pint \$60.).

506 LEADING LADY (Johnson '42) M. There may be better glads but the world in general does not yet know it. The light cream Picardy sport which has taken the world by storm. Even our price is attractive.

Each **L** .12 **Blts** (100, .50).

506 REG. LEAHY (Both '45). A somewhat greenish cream with a light peppering of purple deep in the throat. The florets are ribbed and ruffled slightly and are round and flat. Formal, exhibition placement, well attached, stems very rigid. Medium tall. For us it is definitely a slow propagator but the spikes it can make causes us to carry on. Was grand champion at the So. Australian B. S. main show (largest in Australia) Nov. '47, with a spike carrying 6 inch florets, 7 open, 28 inch head. Our first at the International at Binghamton, N. Y., '48. For several years past the highest priced glad offered in Australia.

Each **L** \$4.00 **M** \$3.00 **S** \$2.00 (no dozen rate). **Blts** .50.

507 SALMAN'S GLORY (Salman). (our '47 import release) E. The supreme beauty of the giant, blotched varieties. Pure, unflecked light cream, paling imperceptibly to white at petal edge with a spectacular, solid carmine mark surrounded with a strong yellow which blends out into the cream basic color. Early giants are uncommon, but this variety does not stop there. Superlatives apply to its color, its every trait and habit. It can well be we are discussing the world's greatest glad. Personally, we are partial to giant, blotched varieties with clean colors and good color harmony. If we had to be reduced to growing but one variety, then Strathnaver, Mid-America, Leading Lady and all the rest would surely go overboard and we would grow Salman's Glory. We are not just trying to say pretty words.

Variety descriptions are a very serious business with us. Florets are smooth petalled, open full and round, wide and flat, diameter around 7 inches (10 has been claimed in Holland). 6-8 open, with 5 or more buds above in color, total buds 18-24. The stem is thin but wiry and strong and straight. Height around 66 inches. Vigorous and healthy grower. One of the very best propagators in existence. In Holland it was Grand Champion and received Award of Merit in '45. Was Champion Blotched Variety and received First Class Certificate in '46. Over here in '47 it obtained firsts at Ind. state, Minn. state, Pa. (Pittsburgh), Wis. state, Sioux City, Iowa, Ohio state (our entry), Winnipeg and at Sheboygan, Wis., it secured 2 firsts and 500 series division champion. Incomplete records for '48 show firsts at Ohio state, also at Chagrin Falls, Ohio, C. G. S. (national). At the W. Virginia Test Gardens where 125 new Dutch varieties were grown it was one of but four to receive their top "AA" rating.

Here we would like to thank our thousands of customers for their faith in our descriptions, to report that we sold a little over 13,000 bulbs of this variety in small, sampling lots and to voice appreciation for the many dozens of letters commending the variety and mostly using language in substance "its all you said of it and more."

Our current crop of bulbs are extra good. Each **L** .25 **M** .15 **Blts** (100, \$2.) (1000, \$8.) (Pint \$15.) (Quart \$25.).

"Salman's Glory from Holland, as grown by Herb Evans, was a pleasure to behold." Jim Mason "Ill. Notebook."

- 407 SINCERITY** (Errey) (our '48 import release) **M**. "The find of the season" says J. P. Jones, Gladiolus Correspondent, Australian Garden Lover. The ground color is cream, the lower petals being a deeper cream with a soft light scarlet blotch, a striking color harmony. Florets, beautifully waved, are 4 inches or more, of good texture and can carry 10 open in full double row placement unless forced, when the spike stretches the florets a bit further apart. In either event the regularity of facing and spacing is obviously excellent. The color very refined. Our starting stock was very small and our present supply very limited but our experience indicates that it "propagates like a weed." Each **L** \$1.00 **M** .75 **S** .50 **Blts** .10 (100, \$7.50).

YELLOW—10 Series

- 511 CHAGRIN** (Evans '45) **M**. The beauty of the individual floret is what induced us to introduce it. The spikes are not as tall as we would wish them and perhaps to maintain good proportion the number of buds is below average. The color is soft, clear, lively primrose yellow with red markings in the throat. The heavy creases and the tapering points of the petals add greatly to its beauty. It has had champion experience.

Champion seedling W. Va., '41. Same at Ohio (Cleveland), '43. Reserve champion Chagrin Falls, '43, So. Calif., '48.

Each **L** .30 **M** .20 **Blts** (100, \$2.).

- 310 CUT UP** (Wilson '42) **L**. Clear, brilliant color, medium yellow. Starry florets, beautifully ruffled, fluted and lacinated. Placement wide and airy. Very decorative. Supply limited.

L .20 **M** .15 **Blts** (100, \$1.00).

- 512 GARDEN GOLD** (Rich-Evans '48) **LM**. Mr. Rich, who is famous for his "Big Top" and many other good varieties, has "struck it rich" this time, we suspect, with his beautiful giant, deep yellow "Garden Gold." Six inch florets of golden yellow, slightly deeper in throat. The color is always pure and clean. The florets are lightly ruffled, with frilled edges adding to their beauty, of good texture and attachment, well faced and spaced on tall, straight, strong spike. 60 inches tall, 26 inch flowerheads, 17-19 buds, 6 or more open. Medium propagator.

Each **L** (not many) \$5.00 **M** \$5.00 **S** \$4.00 **Blts** .50 (10 for \$4.00).

- 512 JAVA** (Salman '47) (our '48 import release) **M**. Very rich and brilliant yellow of giant size holding up to 8-10 open 7 inch florets on 55-60 inch tall spike. It will become a sensational exhibition variety and an ideal cut flower and is already in demand the world over because of its reputation already gained in Holland and England. The Dutch boys trimmed some of us the last 2 years or at least caught us flat footed this year with a 90% reduction in prices. Whichever it was, we will look twice henceforth at their \$24. per No. 5 bulb offerings. Anyhow, here is a competitive price (down 90%) on one size while we try to propagate ourselves out of a hole with the other sizes.

Each **M** \$1.00.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

312 SOLID (Both) (our '47 import release). EM. Pure, deep, glistening yellow, with florets of medium size a bit ruffled and fluted. The color is lively, the flower-heads stretchy, with the buds separated nicely in early stage of bloom. Attachment good and we think it has excellent commercial prospects.

We rate color very high. Spikes are well proportioned. Each year we see it from larger stocks and each year our estimation of it goes up.

In '48, firsts at Ohio (Solon and Chagrin Falls).

Each **L** \$1.25 **M** .75 **S** .40 **Blts** .15 (100, \$10.).

413 SPOTLIGHT (Palmer '44) E. Clear, medium-deep golden yellow with a small feathered blotch of scarlet. Large blooms, about 6-7 open and about 18 buds. The color is extremely attractive and the plant is strong and vigorous, producing plenty of large bulblets that grow unusually well and often bloom. Rates 4th best glad, last Canadian Symposium. Opens well when cut in tight bud. Do not confuse with variety "Stoplight."

Each **L** .15 **M** .10 **Blts** (100, \$1.) (1000, \$5.).

411 WORLD BEATER (Weltwunder) (Pfitzer) (our '49 import release). M. Here we are with another release ahead of schedule. In this case we have no originator's or introducer's (K & M) description. If they think the name is a full and complete description, they are not far from wrong. W. Virginia Test Garden grew it '48 and rated it "A". K & M grew some stock of it near Binghamton for that show but most of them bloomed after show date. We carried a spike of it for K & M, together with one or more spikes of Circe, Polynesie, Tivoli, Ravel, Benj. Britton, Pactolus and others, to the N. E. G. S. show at Boston where we set up a most attractive display for K & M that brought out the notebooks and maintained the largest crowd of spectators.

WORLD BEATER—a clear, medium-light yellow of high color value with a red throat mark more prominent than that of Spotlight. 8-10 florets open easily on the plant in double row formation on almost bone-dry soil in very hot weather. Florets 4½ inches and larger. 20-23 buds well placed and spaced on strong, tall stems. One spike we cut with 7 open and carried several hundred miles was still blooming out at the tip 17 days later. We carry an illustration of that spike. We have twice as many regular customers as bulbs of this variety and because of its low introductory price distribution problems will be worked out as equitably as possible.

Each **M** \$1.00 (no dozen rate).

BUFF—16 Series

416 HUGH PRICE (Both '46) (our '48 import release) LM. The color is thoroughly clean. A bright buff, slightly salmon toned, blending into yellow throat. Florets all but perfectly round, about 4½ inches and larger. To their beauty of color is added beauty of form, being well ruffled and ribbed. Makes grand spikes with 8-10 open in full double row placement.

As our stock increases from a small start, so also our experience and ability to appraise. We do not hesitate to classify this variety well within the limits of the world's most beautifully colored glads. Its round floret shape and perfect spike outline, together with the ribbing and ruffling and its shining, bright, clean color mark it surely for "knockout" classification. So far we consider it flawless in every respect. We reserve right to arbitrarily limit purchases because of our limited supply.

Each **L** \$2.50 **M** \$1.50 **S** \$1.00 (no dozen rate) **Blts** .25 (5 for \$1.00).

516 KAWATIRI (Pupich) M. A giant, rich creamy buff blending into a light yellow throat not far from silvery white. The edges of the petals are slightly diffused pink and the unopened buds a beautiful golden buff, tinted pink. The florets are 6-7 inches (8¾ has been claimed in N. Z. where it originated), beautifully frilled and of heavy texture. 6-8 open on tall spikes, some of which may crook under very adverse conditions. In spite of this tendency the Ballarat Test Gardens awarded it their F. C. C., '48. A 1st noted at W. Virginia, '48.

Each **L** \$1.25 **M** \$1.00 **S** .75 **Blts** .10.

417 PACTOLUS (K & M '47) E. A very spectacular glad with strong, bright colors. Deep apricot-cream with orange red blotches on lower petals. Though the colors are "hot", they are in pleasing harmony and the spikes are very spectacular. Eight florets open easily on straight stems, closely spaced in double row formation, well attached. Two years growing experience has convinced us that any flaws we have not yet discovered must necessarily be negligible and we predict commercial use as soon as sufficient stocks are propagated. We carry an illustration showing its pleasing form, marking, ruffling, wide open florets that even recurve a bit. F. C. C., Haarlem, a 1st at Pa. (Pittsburgh) and an "A" rating obtained at the W. Virginia Trial Gardens, all '48.

Each **L** \$3.00 **M** \$2.00 **S** \$1.50 **Blts** .50 (3 for \$1.00).

- 416 STRALIA** (Both) (our '47 import release) M. Color is clear, unmarked, salmony buff, pastel. Here is a glad to watch. Its ruffling is superb and its clean, beautiful color is outstanding. Large but not a giant. Tall but not too tall, 55 inches. All of its habits, stem, substance, placement, attachment, bulb health, germination, etc., appear to be far above "satisfactory level." Powerful propagator. The clear, soft pastel color finish of this glad marks it the cleanest pastel in our experience.
Each L \$1.00 M .75 S .50 Blts .08 (100, \$6.) (1000, \$30.) (Pint, \$50.).

"Stralia is a lovely glad, its color, ruffling and placement all that could be desired and will certainly go places in its color class." J. H. Pottage, Man.

- 417 SUN SPOT** (Roberts '45) EM. A tall, sometimes loosely arranged but large spike. A pale buff with clean color though pale enough to be somewhat lacking in color character. However, the small, rose red spot in the throat gives it a striking appearance. An easy doer that grows well. Has gathered 3 show championships including at Binghamton, '47. Also an A. M. at the Ohio state show, Cleveland, '48.
Each L \$1.00 M .60 S .40 Blts .06.

ORANGE—22 Series

(Incl. yellow orange and red orange)

- 423 ALL GLORY** (Toon) (our '46 import release) E. A novelty gladiolus as to color. Deep, tangerine orange, spectacularly blotched purple, overlaid cerise with a single rib down center of lower petals. Beautifully ruffled. Color is fast, florets are of leathery texture, propagation is easy and good and sizeable spikes are frequently had from bulblets. Good commercial habits.
Each L .50 M .35 S .20 Blts .05 (100, \$3.) (1000, \$20.).

- 524 BOBBY DAZZLER** (Both) (our '42 import release) EM. Has great intensity of color, brilliantly clear, velvety red-orange with deeper throat mark. In spite of occasional slight burning if allowed to bloom on plant in extremely hot sun the variety has built up an enviable reputation both as a show bloom and cut flower. Florets are wide open, 5½-6½ inches diameter, 5-7 open, well spaced on the stem.
Each L .12 M .08 Blts (100, .50) (1000, \$3.).

- 423 CIRCE** (K & M '48) (our '49 import release) E. A medium-bright russet orange without any flecking, with a deeper red feathered blotch, small but made a bit conspicuous by a surrounding narrow band of creamy yellow. The

color harmony is very good and we rate the over-all color in the orange classification second only to that of Tunia's Delight. We concede excellent cut flower habits in every respect, including ability to open well when cut tight. With 6 or more florets open it will shortly become a variety hard to stop in the shows. A real "knockout." In '48, A. M. at London RHS test garden, F. C. C. at Haarlem. One of the 4 Dutch varieties out of 125 tested to rate "AA" at W. Virginia test garden, where Mr. Tom Manley (in charge) said he considered it the best of the four. He considers it the cleanest color of any glad he has seen from Holland, not limiting his statement to the 125 test.

We carry an illustration. Because we are not offering bulblets, which will disappoint some of our customers, we will offer a very limited quantity of very small bulbs (meaning very small).
Each L \$6.00 VS \$3.00 (no dozen rate).

- 421 DAZZLER** (Both) (our '40 import release) M. The greatest dazzler for color we have seen. Vivid, dazzling scarlet orange with sizeable darker throat, Slightly ruffled. Five inch florets, 9-10 open, 22 or more buds, double row placement. Color bleaches if allowed to open in field in hot sun. Has entered the grand champion records.
L .30 M .20 Blts (100, \$1.50).

- 423 HENRI DE GREEVE** (K & M '47) (our '49 import release) M. A pastel salmon orange with a carmine feather on an ochre throat. Heavy textured florets, 6-8 open on 20-22 bud spikes medium tall. A vigorous propagator with a high level of cut flower habits. We frequently hear Henri himself talking over short wave from Hilversum, Holland.
Each L \$6.00 Blts \$1.00.

- 522 TUNIA'S DELIGHT** (Both) (our '47 import release) M. As beautiful and refined a glad as we have discovered in many years. Clear, liquid, deep orange of huge size with a narrow, perfect blue margin around the edge of every petal, a marvelous beauty able to open 8 at one time. If well grown, many bulblets bloom and make very sizeable bulbs. Though available to purchase but a short time and then only at high prices, it has, nevertheless, crowned itself with glory by obtaining the Color Champion Award at the large Ohio (Cleveland) show. At both this show and the later Ohio (Solon) show it received firsts in its color in the Recent Introduction sections, '47, '48, firsts at International (Binghamton, N. Y.) and Tri State (Wellsville, Ohio).
Each L \$1.25 M \$1.00 S .75 Blts .10 (100, \$6.) (1000, \$40.).

422 TUTS BOTH (Both) (our '43 import release) EM. Deep pastel orange, suede finish. Between 03 and 04 on Fischer Color Chart. Has a very small blue tongue, a color rarely found in glads in combination with orange. 5½ inch and larger florets, wide open, rigidly held, excellently placed. Not even a small percent of crooking. Can do some fading if opened out on plant in severe, hot sunlight. Has had two Awards of Merit by Ohio society, was Color Champion at Ohio (Cleveland) '44; in '47 W. Va. gave it a double Color Champion award as both daylight and artificial light winner. Frequent winner of various special awards and was also Grand Champion, Pa. state (Pittsburgh) '47.
L .25 M .15 S .10 Blts (100, \$2.) (1000, \$12.) (Pint, \$20.).

LIGHT SALMON—30 Series

430 ANN STRALIA BOTH (Both '45) (our '47 import release) M. Outer area clear, delicate salmon shading imperceptibly to clear, golden yellow. Beautifully ruffled. Double row placement to perfection, which includes facing, spacing and attachment. One of the world's most beautiful glads. A first at Tri State (Wellsville, Ohio), '48. Supply limited.
 Each **L \$1.50 M \$1.00 S .75 Blts .10.**

431 FRED TUCKER (Both '46) (our '49 import release) E. A medium light salmon with white lines on center rib of petals with a small purple blotch in throat. Tall, stretchy, informal spikes holding 8-10 open. We dip our hat here to a variety that outperforms Pinocchio in production of spikes from bulblets. We would say that about 99-44/100% of them bloomed, averaging 3 feet and 8-12 buds, 4 inch florets.
 Each **L \$1.25 M .75 S .50 Blts .10** (100, \$6.) (1000, \$40.).

430 BLAIRE MARGUERITE (Both '47) (our '49 import release) M. The color is very attractive, a clear orange pink with faint white mid-rib lines. Tall, strong spikes. Champion bloom at one So. Australian show, '46. Both our stock and our experience with this variety is very limited.
 Each **M \$2.50 S \$2.00** (no dozen rate) **Blts .30.**

430 GERALDINE (D. S. Pruitt) Very early. Color is rather similar to that of Marlene Both but not as brilliant as the latter. Light, creamy salmon pink. Geraldine has ideal cutting habits, with double row placement on medium tall spikes. Opens 8 well ruffled florets in the field with ease. Fast propagator.
 Each **L .20 M .15 Blts** (100, \$1.) (1000, \$6.).

431 JEANETTE WHITE (Both '46) (our '49 import release) M. A medium-light salmon pink. with a cyclamen blotch, not very prominent, on cream throat. The salmon feathers out somewhat deeper towards the edges of the petals. The over-all color effect is lighter than Spic and Span and the feathering less prominent. The reason we compare with Spic and Span is that the spikes have much in common. Very tall and uniformly straight. Somewhat ruffled. Made stunning formal, double row placement, extremely long flowerheads with many 10-12 open from small bulbs. One of these spikes took a first for us at East Liverpool show, '48. A very vigorous grower that will bear watching.
 Each **L \$2.00 M \$1.50 S \$1.00 Blts .15** (100, \$10.).

430 MARLENE BOTH (Both) (our '43 import release). Very early. Easily one of the most beautiful of all glads. A glorious, brilliant yet delicate, creamy salmon pink with perfectly blended deep, creamy buff throat. Color never blemishes. Beautifully ruffled, adding to its outstanding decorative qualities. Long, stretchy spikes. Has had several top honor awards such as best recent introduction, best Australian introduction, grand champion and "most beautiful bloom in the show." All habits well above the "satisfactory level" except an occasional small amount of crooking under extremely bad conditions. Fast propagator.
 Each **L .25 M .20 Blts** (100, \$1.50) (1000, \$8.) (Pint, \$15.).

530 MRS. E. BOTH (Both) (our '43 import release) E. Until the advent of Tunia's Wizard and Tunia's Aristocrat, the most sensational super exhibition glad ever sent out of Australia, where it received the first First Class Certificate ever issued by the S. A. G. S., '40, with a top rating of 95. A perfect color blend of liquid clear, light orange pink with harmonizing, clear, deep cream throat. Shows a wonderful saturation of color. Florets round petalled, wide open, from 6-7½ inches in diameter, rigidly held on flowerheads that range from 30-42 inches. 9-12 open, 24-26 buds. When well grown and forced with heavy watering, assisted perhaps with a "shot-in-the-arm" type of fertilizing only between bud and bloom stage, you have a chance of producing the largest bulk of bloom yet produced on one spike. A Division Champion and best spike foreign origin at Washington, '48.
 Each **L \$1.00 M .75 S .50 Blts .08.**

DEEP SALMON—32 Series

533 BOLDFACE (Evans '47) M. Color is brilliant and very attractive. Very deep salmon pink with an almost black red brush on clean white throat, very spectacularly blotched. Ruffled florets that run a bit over 5½ inches though we were amazed to see a floret grown by Mrs. Kidd of Newmarket, Ont., over 7½ inches. Opens up to 8 in field, 9-11 when cut, 20-21 buds. We have heard of one spike crooking in Tenn., but we saw a number of spikes standing straight and fresh at three places in Canada in 1947 in the most terrific heat we have ever encountered, running from 108 to 120 degrees in the sun. Plant growth is vigorous and foliage stands 30-36 inches high, height 66 inches. Florets well attached, make uniform, double row placement. Propagation is good.

In '46 Ohio (Cleveland) won American Home Achievement Medal also O. S. G. S. Award of Merit. At Chagrin Falls also won O. S. G. S. Award of Merit. At East Liverpool, section champion and champion 3 spike bloom of the show. In '47 it won firsts at So. Minn., Pa. state, Ohio state (Cleveland) Ohio state (Solon), Iowa (Ames). In '48 our firsts at S. E. Michigan and international (Binghamton, N. Y.). Other firsts at Ohio state (Cleveland) and Chagrin Falls.

Each L \$2.50 M \$1.50 S \$1.00 Blts .20 (100, \$15.).

"Boldface produced a perfect formal spike, 18 buds, 5¼ inches, 7 open, a good strong grower with nice, bright, clean color. It was one of the best glads in the garden." A. J. D. Lake, Ont.

432 DIEPPE (Hassal '45) M. Deep, red salmon, blotched deeper. Slightly waved and ruffled. Excellent cut flower habits and fast propagator. Very attractive, not far from that of Harmau. The records say we beat a very fine spike of Boldface at the Chagrin Falls show, '47 with a fine spike of Dieppe!

Each L .25 M .15 Blts (100, .50) (Pint, \$7.50).

532 NORMANDY (Bijvoet) LM. Available to import in '46 but, while we have not yet noticed a U. S. catalog listing, some large cut flower growers have been growing it. Color value is not equal to that of Aladdin, in our estimation but the spikes are stronger, larger, taller with a good cutting stem and more spectacular. A deep red salmon or "lobster red" with substantial deeper feathering and a purple scarlet throat. Can hold 8 open on tremendous spikes. Healthy plants and bulbs.

Each L .35 Blts .05 (100, \$3.) (1000, \$15.).

432 SPITFIRE (Evans '43) M. Color is clear, iridescent, rosy toned salmon, white throat marked with several small cherry lines. Opens 8-10 slightly ruffled 5 inch florets. Powerful plant, strong stem, no crooking, bloom long lasting. Propagation medium, otherwise good cut flower qualities. Has won medals, cups, seedling and grand championships, five different Awards of Merit. Australian catalogs call it "America's Perfect Exhibition Glad." Spitfire has topped its color section in the last Canadian Symposium. Bulblets run small and because we get no large and not too many medium bulbs with one year's growing, we never have enough stock to go around. Its ability to win occasional second day grand championships (as W. Va. and Winnipeg, '47) shows its stamina. See its ratings in our various tabulations elsewhere in this Guidebook.

In '48 grand champion at Indiana state show, where it started its career as champion seedling just 10 years before. We note many firsts, often several at one show, such as 2 at Tri State, 2 at Ohio state 2 at Pa. (Greenville), 3 at Pa. (Pittsburgh), Was most open at Wis. state.

In extensive trials by Florida State in '47, Spitfire turned out to be one of but six varieties found to be both a desirable commercial variety and also resistant to the "leaf spot" disease so prevalent in Florida and California under humid conditions.

Each L .50 M .35 S .25 Blts .05,

"Spitfire is a pink of unusual shade with great carrying power and makes fine spikes." G. E. M., Lebanon, Ore.

"Spitfire has "catchy color" and makes stretchy, straight, well placed spikes." Group Test Report, Canada.

"My Spitfire took second day champion at Winnipeg show. Temperature was nothing short of roasting and most blooms took a beating but Spitfire took it "standing up" with 8 open, 23 buds, 28 inch head straight as a ramrod. Mid-America and Miss Wisconsin were not far behind." J. L. Pateman, Man.

"Herb Evans' Boldface is truly a 'wonder' glad." Bob Knopf, Oregon.

"Boldface was very fine here. Good and straight and OK with me." Dr. C. M. Evans, Ed., So. Calif. G. S. Bulletin.

"My number 2 thrill was Boldface—this surely makes a giant plant, the leaves 3" across, the spike stem as large as my thumb and strong as iron. First bloom 5¾", 20 buds, 7 open, 55" tall and every inch a picture of robustness. The color is most appealing and have you seen it under artificial light? Try it." W. J. Dittman, Mich.

432 TUNIA'S FANCY (Both '46) (our '48 import release) M. One could rate this No. 1 for sheer beauty and not be far off. Exquisitely ruffled, medium deep orange pink. Clean color. The florets are rigidly held, well placed on stretchy spikes, medium tall, about 50 inches. In '48 A. M. by Ballarat Test Garden with top color rating over all 36 varieties on test.

Each L \$2.50 M \$2.00 S \$1.50 Blts .25.

432 WATERMELON (Evans '48) LM. The name describes the color so perfectly that little remains to be said. It is definitely a deep, pinkish salmon with a small cream mark in the throat. Florets 4½ inches and larger, 6 and more open, strong, stretchy spikes about 52 inches high. Good propagator. With habits well above average and color decidedly "different," we believe there will be a place for Watermelon. Derived from the cross Bobby Dazzler x Sir Galahad, a "hot" cross we have several times listed and from which many of our customers have seedlings of merit. One was seedling and color champion at the Solon (Ohio) show, '47.

Each L .50 M .50 Blts .10 (100, \$6.).

SCARLET—36 Series

536 AUSSIE (Both) (our '49 import release) EM. A giant bright scarlet with a violet tongue. Has produced, in Australia, a 40 inch flowerhead with 28 buds, 12 wide open florets. Formal placement. Supply limited.

Bulbs, any size, your choice, Each \$2.00 (no dozen rate) Blts .25.

437 CARNIVAL (Butt-Evans '47) EM. Bright, dazzling scarlet with clear white throat. Exhibition quality spikes are regularly produced and it opens 7-10 well placed florets at once. Attachment and substance are good and one spike is a bouquet in itself. Color is uncommonly attractive and the variety is well named. We joined in its introduction without invitation. We asked for the privilege having grown it as a seedling on test. In '48 we noted firsts at Ohio state, Tri State and International (Binghamton, N. Y.). At our current reduced prices this variety becomes one of the best bargains in the catalog.

Each L \$1.00 M .60 S .40 Blts .10 (100, \$5.).

536 DESTINY (Butt '43) M. Very tall, strong spikes of bright "house afire" orange scarlet with white arrows in throat. Florets not much above the 5½

inch size. The plants are powerful and though only a medium propagator with us we rate it an excellent cut flower.

Each L .15 M .10 Blts (100, \$.50) (Pint, \$.5.).

436 JOHAN van KONYNENBURG (K & M) (our '47 import release) M. Named for one of the founders of the great Holland firm. They consider it "the most perfect gladiolus yet introduced" (not merely the best red). The color is clear, rich, glowing orange vermillion. Truly, every spike is a show in itself, outstanding in any garden, carrying up to 10 open blooms, well faced and spaced on tall, extra strong, upright spikes, never crooked or bent. Received First Class Certificate at Haarlem, their highest possible award. It has turned out to be an excellent propagator for us and we are sure it will quickly take a high ranking place on the cut flower market.

It was grand champion at the large International show in Holland, '47. We note 1sts at Toledo and Winnipeg, '48.

Each L .25 M .15 S .10 Blts (100, \$2.) (1000, \$12.).

436 MRS. ALICE B. STREET (Both '46) (our '48 import release) M. Warm orange scarlet with deeper red throat mark. Color is clean except for one cream pencil line on lower petal. Makes double row, exhibition type spikes, about 50 inches tall with large, ruffled florets of 5½-6½ inches, well placed and having tight attachment to a very stiff stem. Our starting stock was small and we are sorry we do not have a large stock. What we obtained has propagated fairly well.

Each L \$2.00 M \$1.50 S 1.00 (no dozen rate) Blts .20 (100, \$12.).

436 PFITZER'S CENTURY (Pfizer) (our '47 import release) L. A light scarlet masterpiece. Color is clean. Holds 8-10 wide open, large florets on tall, strong stems. Good propagator. Named to celebrate the 100th year of the famous German nursery firm. The Holland growers say it will take the world by storm, both for exhibition and commercial purposes. Has what we call "hot" color. Our propagation permits a very substantial reduction in prices.

Each L \$1.00 M .60 S .40 Blts .10 (100, \$6.).

536 TUNIA'S MARVEL (Both) (our '43 import release) E. A huge, very metallic scarlet with a prominent light blue violet tongue. A very early giant whose best blooms are usually gone weeks before the shows. Stem is below par, otherwise very good.

Each L .25 M .15 Blts (100, \$1.) (1000, \$5.) (Pint, \$10.).

LIGHT PINK—40 Series

441 CONN. YANKEE (Schenetsky '44) LM. A beautiful blush pink with a small orange red feather in the throat. Color value is very high and this, together with the shapely spikes it makes with 8 open and good length, helps it to maintain a high place in the winner columns. The propagation is under the "satisfactory level" and the plants have a tendency to mature early after blooming, indicating need of early digging. Otherwise we have a good glad here, approaching the reasonable price range.

Each L \$1.00 M .75 S .50 Blts .10.

440 HIGH COMMAND (Barrett '43) L. Clean shell pink, faint rose cast. Color is not very far from that of Greta Garbo, a bit softer and deeper, even closer than Greta to the color of the new Evangeline. Very strong, tall plants with extremely long flowerheads, around 30 inches, up to ten 5 inch florets, slightly ruffled, wide open. Latest glad in our list, making giant flowerheads when little remains in the fields except small spikes from small bulbs of other varieties. Good habits throughout except in an occasional year bulblet germination is low. In '48 was grand champion, Delaware state show.

L .25 M .20 Blts (100, \$1.) (1000, \$6.).

440 MRS. P. COSTA (Both '46) (our '48 import release) M. Very light creamy blush white, perfect double row placement, somewhat ruffled—in fact it looks like a larger, much improved Rosemarie Pfitzer. There is a flush of lavender on the lower petals. Medium-tall.

L \$1.50 M \$1.25 S \$1.00 Blts .10.

541 MYSTERY (Stinson '44) M. Beautiful, soft pure pink, bright rose mark in throat. One of the few glads that increase their color value under artificial light. Giant 6-7 inch florets, a bit waved and frilled, 7-9 open, well placed on strong, tall flowerheads of around 30 inches.

L .25 Blts (100, \$2.).

"Bobby Dazzler, from bulblets, was wonderful! A living spire of red orange flame." M. A. E., Appleton, Minn.

"Tuts Both is an orange Picardy." Winston Roberts, Idaho.

"Tuts Both is the first big large flowered variety we have seen that is not only called orange, but is orange." Claude Piesse, West Australia.

"My bulbs arrived Saturday and what a mistake you made. You indeed sent those I asked for, but as many again! It is plain to be seen that you are a lover of glads whose business with them is solely to break even!" Rev. Harold W. Freer, Ohio.

440 PRESIDENT TRUMAN (Salman) (A '48 import release) L. The color is a very light, blushed shell pink, tinting even lighter in the throat. On an occasional spike there is a very small amount of faint deeper flecking at the edges of the petals. A few steps away the effect is substantially a self color, another glad whose color is not far from that of Evangeline. There appears to be no question about the commercial qualities of this glad which stands 5½ feet tall on very strong stems, holding 8-12 five inch florets open in perfect formal outline. So, like the President, this glad is going to be hard to beat.

Probably we do not have enough bulbs to go around but while they last
Each L .50.

440 STAR GAZER (Evans '43) M. Because this variety is of the semi-upright type and thus departs from established standards for placement, it can make no headway in the shows. Clear, pale, very light pink, practically speaking, blush white. Unmarked except for one very narrow cherry line on lip petals. Beautiful florets strongly recurved, firmly placed in semi-upright position, making long, stretchy flowerheads. Blooms long lasting and open well to tip.

L 20. M .10 Blts (100, \$2.00).

540 STELLA ANTISDALE (Evans '40) EM. Smooth, soft light pink, a bit lighter and creamy in throat. Color has what might be called a suede finish. 6 inch florets, 7-9 open easily in the field, 18-20 buds on tall, strong stems. Foliage is wide and breaks open low, allowing easy cutting of long spikes. Placement is always full double row, even when grown from small bulbs. Likewise, the large floret size is commonly maintained when bloomed from small bulbs. Has received a large assortment of awards in U. S., Canada, Australia and New Zealand, including Award of Merit and Grand Champion in Ohio and Grand Champion in New Zealand.

L .15 M .10 Blts (100, .50) (1000, \$3.) (Quart \$10.).

DEEP PINK—42 Series

443 ALGOMA (Butt '44) M. A buff toned, medium-deep pink with a red flush which deepens as the flower ages and a very spectacular, deep red throat. The color is certainly "different" and all other details could be aptly described "perfect." Plants are tall and strong, always straight. Opens eight 5 inch florets with ease in open field, always well placed.

L .30 M .20 Blts (100, \$2.) (1000, \$12.).

542 ESSA MARIE (Coutts) (our '46 import release) M. Mild, soft, deep pink that never flecks or fades. Eight to nine 6 inch wide, round florets can open on a strong spike that never crooks. Good commercial habits and has entered the grand champion column.

L .25 M .20 Blts (100, \$1.) (1000, \$5.).

443 NECIA (Both '45) (our '49 import release) M. Though Mr. Both describes this glad as salmon pink, we consider it to be deep pink, the depth of color seemingly to be made up of an intermixture of some salmon and some rose. Has a rather prominent cyclamen blotch making it a very pleasing and harmonious color combination. The tall, strong spikes bordering on very tall, show real power and heavy substance. The florets are at the top of the 400 size range and occasionally go beyond 6 inches. We have been growing stock of this variety several years, becoming more and more impressed with its good propagation and fine commercial habits and pleasing color. Very outstanding. We entered a spike in the Ohio RI show, '48, for a first.

Each L \$1.50 M \$1.00 S .50 Blts .10 (100, \$7.).

542 PERSONALITY (Butt-Evans '47) M. Basic color is deep pink slightly rosy toned. This glad looks equally good for exhibition and for commercial use. Most every spike appears to be of show champion quality. Tall, powerful plants, 7-9 open in the field. Of the many "deep pink Picardys," most of them sports, this is the only one that has satisfied us. A first noted at Tri State, '48. Propagation and reduced prices now make this variety a bargain.

Each L \$1.00 S .40 Blts .06 (100, \$4.).

LIGHT RED—50 Series

550 ANIMATION (Butt '47) LM. Bright, medium-light red with small cream throat lines. 6 inches up florets, 6-7 open. Responds quickly with extra size via "shot in the arm" methods (liquid manure, blood meal, ammonium sulphates and nitrates, etc.) applied at early bud stage. Appears to be sturdy enough in its habits to warrant listing (and buying) at current price.

Each L \$1.00 M .60 S .40 Blts .10.

"Had 3 wonderful spikes Mid-America but a week late for Sacramento show. 12 open, 35" head, 5 feet and better."
Frank. F. Lund, Calif.

"You are doing a swell job for the Societies. The Maine Society appreciates it." Carl M. P. Larrabee, Maine.

550 MID-AMERICA (Knierim-Evans '47) M. The first variety we have offered, raised by one of our customers from seed (cross 486, Red Charm x Snow Cruiser) offered in our catalog. May any similar subsequent offers be as good!

Color clear, brilliant light red, unmarked. Mammoth, smooth, round florets around 7 inches diameter and more, well attached on very tall spikes, 26 buds on extra strong stems, as well as extra long flowerheads, 33-36 inch heads being almost an average for large bulb production. Foliage is wide and heavy and tall, even that of bulblets growing 30 inches tall. About a fourth of the bulblets bloom. Even tiny bulbs hardly larger than bulblets, planted 2 inches apart have made many spikes 60-66 inches tall, with foliage 36 inches tall, opening 10 giant florets.

In our small bulb field, '48, we planted 3 long rows of Mid-America No. 5-6-7 bulbs (the tiny ones obtained because we couldn't forego planting the pee wee bulblets the year before). Their growth was the most amazing in our 20 odd years of experience. Planted 3 inches deep, the stalks ran almost entirely between 1 to 1¾ inches diameter at point of emergence from the ground, expanding rapidly with foliage from there. The wide foliage ran almost entirely 3-4 feet high. The flower heads began almost entirely at 42-50 inch height and stretched to a good average of 6 feet. We allowed at least 80% of them to bloom out on the plants where 7-10 opened before the bottom floret aged and in spite of one short gale with 55 mile gusts not one of the thousands crooked a particle.

So many hundreds of visitors checked this stunning growth at show time here and dozens thereafter at period of peak of bloom that any who question it will ultimately apologize. For this is a matter that anyone with a few small bulbs can corroborate for himself and hundreds who bought bulblets 2 years ago can testify.

You do not have to plant the bulbs in paper drinking cups as one party did (and credited the method) to get this phenomenal growth. Just give them room as they are powerful and plant them in the normal way. Such is Mid-America.

Limiting our reporting for '48 to the 10 prominent glad shows we attended and additional shows reported in recent magazines of the N.A.G.C. and N.E.G.S.

Mid-America drew 31 firsts (including Binghamton, Cleveland, Pittsburgh, Boston, Detroit, etc.), 2 grand champions, W. Virginia and Wisconsin (Sun Prairie), 1 reserve champion, 1 longest flowerhead, etc.

Adding the records compiled in our last two catalogs, we find the variety has won in its short term of life, at least the following: 4 seedling championships—(chps), 5 grand chps., 2 Awards of Merit, 2 reserve chps., 2 second day chps., 1 color chps., 7 division chps., 11 sectional chps., 52 color class firsts and 5 for longest flowerheads. And that is but a scratch on the surface of what is to come. The thousand or more customers who bought a few bulblets each 2 years ago have just cropped heavy, 2 year bulbs. Let us take Richard Netzley, Ill. society amateur as an example. He writes "I won grand champion at the Clark County glad show with Mid-America" (that g. chp. is not listed above)—"I bought 3 M and 16 blts in '47 for \$10. I just finished digging my second crop and now I have 255 L, 130 M, 105 S and close to a quart of blts. It was the best glad I grew."

Once again our price range has been recommended by Mr. Knierim (the originator of Mid-America), as upstanding a gladiolus amateur and society officer as one could find. He does not want his Mid-America to be sold for what the traffic will bear. He wants other amateurs like himself to acquire stock of Mid-America at reasonable price and as soon as possible. We reserve the right to limit quantity purchases should they impair many customer's chances of getting a single bulb.

The price: any size bulb, your choice, each just Fifty Cents (no dozen rate).

Blts Five Cents each (whether 1, 20, 100 or 1000).

"Mid-America is sure some glad, largest I have ever seen. Nice color, too." Bob White, Iowa.

"Mid-America has immense florets and exceptionally good color." Bob Knopf, Oregon.

"Extreme hot weather and drought but Mid-America from medium bulbs was tall, straight, 21 bud, 8 open, flowers immense, opening well in water." J. R. Welty, Ill.

"When I first saw Mid-America at your place, fall '46, I mentally reserved \$10.00 for a bulb when it would be offered. Imagine my surprise when I find I am able to order 6 bulbs for \$10.00." Dr. W. S. Webb, W. Va.

"If you can get bulbs of Mid-America by all means do so., I saw it take grand champion last summer against such glads as Sunspot, Spotlight, Lancasret, Leading Lady, Summer Gal and Silver Wings." Ben Netzly, in December '47 "Ill. Notebook."

"LIGHT RED: Mid-America by Knierim-Evans is the big noise here and introduced at a rate available to all. Huge without being coarse, has remarkably good attachment for such a large glad, seems quite healthy, produced bulblets at a great rate, is a very rich, clean medium-red self, opens enough and makes a very nicely proportioned, heavy stiff spike. One bulb of this will give you a start, and it is indeed extremely worthwhile in my opinion." Dr. J. F. Cason, Tenn. in December '47 N. A. G. C. Bulletin.

"Mid-America, best R. I., shown by H. C. Durland, was all that Evans claims for it in his catalog—a real beauty and a big one." Official report, Illinois society state show, '48.

DEEP RED—52 Series

452 C. ROBERTS (Both '46) (our '49 import release) M. The color is very uncommon and quite attractive. It is a deep colored glad and the effect is almost a self color. In detail, it is a fiery, orange toned cerise red, blending almost imperceptibly to an almost purple throat. The top petal tints out a bit lighter than the others. Large, stretchy spikes on a tough stem, with florets of size that occasionally go over 6 inches. Good propagator.

Each **L** \$2.00 **M** \$1.50 **S** \$1.00 **Blts** .10 (100, \$8.).

452 FIREBRAND (Butt '44) M. We consider this Mr. Butt's best origination to date. Within our experience, no other medium deep red has color value to match it. Slightly ruffled, deep signal red, slightly deeper in throat with small white lines on lower petals. Color is velvety and unopened buds are of unique form resembling roses and the florets lie tight and flat to the stem. 8-13 open on spikes that are tall and straight. Good propagator and makes show spikes from No. 4 medium bulbs. Has entered the columns of Color Champion and Grand Champion and has won many recent introduction section championships in the few years it has been on the market. Now that we are able to offer this variety at popular prices we have abandoned the older variety Red Charm. Nothing has altered our good opinion of Red Charm but we feel this is much better.

L .15 **M** .08 **S** .04 **Blts** (100, \$1.) (1000, \$6.) (Pint, \$10.).

552 MIGHTY MONARCH (Butt '46) LM. Very velvety, clean, glowing deep red. An exceptionally strong grower, approaching the power shown by Strathnaver and Mid-America, Florets 5½-6 inches, 8-10 open on extremely long, 20-26 bud flowerheads. Good propagator and bulblets make a large proportion of large and medium bulbs. A quality glad in every respect and we consider it one of the three best reds in existence. (And you know what we think of Mid-America and Firebrand).

As anticipated, it has started to make its mark on the show records. In '48 it received firsts at Binghamton, Boston, Pa. (Pittsburgh and Greenville) Delaware, East Liverpool, Detroit, Toledo. In addition, at the big Cleveland show it was second day grand champion and at Chagrin Falls, in addition to two firsts it was "longest flowerhead," R. I. section and division champion and grand champion.

It will do even better in '49 as these new low prices will sell many bulbs.

L .75 **M** .50 **S** .25 **Blts** .05 (100, \$3.) (1000, \$20.).

553 RODNEY (Coates) (our '41 import release) L. A spectacular glad making full double row placement of 6-7 inch florets, up to 8 and 10 open. Dark, glistening red with conspicuous blackish brush on white throat. Vigorous grower. Supply limited.
L .50 M .35 Blts .05.

BLACK RED—54 Series

454 MANSOER (Salman) (our '47 import release) EM. Considering that this new hybridizer in Holland has been literally flooding the Holland markets with innumerable varieties, apparently mostly Picardy seedlings, we are proud of the fact that we sorted them out and selected and released in 1947 Mansoer and Salman's Glory, two outstanding glads destined for high acclaim. Mansoer is very deep blood red with a blackish brown, velvety glow. By no means enough brown to warrant placing it in the "any other" classification, where it was plainly out of place in the '47 shows. The florets are close to the giant size, smooth, round and wide open, firmly held on tall, wiry stems. 7-10 open. First Class Certificate, Haarlem, '45. Because it is perfectly healthy and cuts 100% blooms of exhibition quality it will quickly become our most popular black red cut flower. Very fast propagator.

Awards have started here. Firsts at Ind., Toledo, Ill. (Edwardsville), Pa. (Pittsburgh and Greenville) and Keystone, '48.
L .25 M .12 Blts (100, \$1.) (1000, \$8.).

554 MARSHALL MONTGOMERY (Salman '48) (our '48 import release) M. A seedling of Mansoer and in every respect an improvement. Color is still warmer, a deep maroon red. Enormous florets, wide open, slightly ruffled and of pleasing form. Long, heavy spike on extremely heavy, straight and long stems. Stock is very limited, including that in Holland. We have not had time to propagate this variety into reasonable price range.
Each M \$2.00 (no dozen rate) Blts .50.

"Maurrie Trevan makes the best dark red spikes we have seen over here, carrying plenty of "top" of unopened buds, the lack of which is the fault of Black Opal and Black Magic. Stella Antisdale goes well, producing splendid spikes of fine color. Your illustration looks silly alongside the spikes we get." C. L. P., Bassendean, West Australia.

454 MAURRIE TREVAN (Both) (our '46 import release) EM. One of the darkest, if not the darkest, red in commerce. Color is substantially clean and very velvety. Spikes from bulblets and from No. 6 small bulbs have won in well filled classes including both large and giant size in big time shows. Bulblet production fairly good but not what would be termed prolific. Other habits all well above "satisfactory level." Florets are round, close to giant size and the flower-heads are extremely long, holding many open.

Award of Merit, Ohio Society, '46.

In '48, firsts at Empire (Oneida) and Ohio (both Solon and Chagrin Falls). Grand Champion at January show, So. Australia G. S.

Each L \$2.00 M \$1.25 S .75 Blts .15 (100, \$10.).

LIGHT ROSE—60 Series

560 COUTTS' ORCHID (Coutts) (our '41 import release) M. Six inch and larger, immense, round petalled florets of unmarked light orchid rose with cream throat. Has a tendency to produce a quarter inch lighter edging, or halo. Never, in all these years of selling it, have we found a woman who did not admire it, almost all men. The color value is outstanding. About 16 buds, 5-7 open, placement reasonably satisfactory, easy grower though bulblets run small sized. Award of Merit, Canadian G. S.
L .15 M .10 Blts (100, \$1.00).

460 EIFFEL TOWER (Both '47) (our '48 import release) M. Very pale lavender blush pink, substantially unmarked but still lighter in the throat. Round, wide open florets of about 5 inches. Spikes carry 8-10 florets open, excellently placed, full double row exhibition placement. A real goliath in plant size and a strong, husky grower. Fairly good propagation. The name is a slight exaggeration, at least.
Each L \$2.50 M \$1.75 S \$1.00 Blts .15.

560 EVANGELINE (Palmer '48) LM. Very pale, light rose, almost blush white with creamy yellow throat. This is the giant seedling that started its way to fame as seedling and grand champion at the big Cleveland '46 show. (Friend Elmer fumbled that award, it was champ, all right). While we feel the color is pale enough to be lacking in character, the substance and placement below perfect to a limited degree, we rate its color and habits above the satisfactory level. Last year's price of "\$10., no bulblets" barred it from our list. See winner tabulations.
Each L \$5.00. 12 blt units available to purchase for \$5.00 with each bulb purchase.

- 560 GENERAL EISENHOWER** (Salman) (our '48 import release) M. A medium-light rose in the general depth range of Leeuwenhorst, Rosea, Festival Queen, Sensation and the like. Relatively clear color, bright hydrangea pink but with variable amount of deeper feathering. The variety is powerful in every respect, with excellent cut flower habits. It makes flowerheads with 7 inch florets double-row placed in such fashion that the width of the tremendous flower spike is the greatest of any variety we have yet seen. Tremendous is the word, even from medium bulbs. We gained firsts with it at the Cleveland and Chagrin Falls shows. Other firsts at Pittsburgh, Tri State and Delaware. This is one of the 4 varieties to rate "AA" among the 125 Dutch sorts tested by W. Virginia Test Gardens, all '48.
L .50 M .30 Blts (100, \$2.) 1000, \$15.).

- 560 PROSPERITY** (Silva '47) M. Claimed to be a sport of Picardy. That has to mean both a color sport and a form sport for the color is a medium-light rose and the florets are very heavily ruffled. We are not sure of the 500 size classification as our blooms from large bulbs averaged 5 inches, but the plants were tall and strong, the floret texture heavy, the color very good and the ruffling nothing short of perfection. The only win we have recorded was one right here at Solon (Ohio) show '47 but many more will follow when bulbs get around.
Each L \$1.25 M .75 S .50 Blts .10.

- 460 TIVOLI** (K & M) (our '47 import release) LM. This is the coming pink. Not just the best light rose pink, by the widest of margins. We judge it the best color value of any pink now on the market, that includes the salmon pinks, light and dark pinks and rose pinks. And that is just part of the story. Further, we judge it to be the best commercial pink, at least for the northern states, as we have no personal experience with its ability to withstand humid Florida and similar conditions along the west coast. This is a lovely salmon-rose pink of great character. The clean rose blends into a lighter throat. Florets around 5 inches. 8-10 open in faultless double-row outline. 8 open easily in the field on strong, straight, tall spikes. 18-20 buds. Inside of two years Tivoli will have gained such a foothold over the entire current light rose group that we doubt it its top rating can be dislodged in the next ten years. So, if you pay more than sixty cents for a bulb of any pink without buying Tivoli for appraisal and comparison, at least you understand our thoughts on the subject. We carry an illustration. Firsts at Toledo, Cleveland, Tri State and at Solon our first in a large 560-460 joined

group, our top scoring 3 spike entry (show-wide), beating much bigger spikes of Strathnaver, the runner up and gaining the Color Champion award. Tivoli gained an "A" rating at W. Virginia Test Garden, A. M. by RHS-London Test Garden, all '48. Has F. C. C., Haarlem. L .60 M .45 Blts .08 (100, \$6.) 1000, \$40.).

DEEP ROSE—62 Series

- 562 GRAND MONARCH** (Salman) (our '48 import release) LM. Color is bright and glossy. To us it appears the brownish red base has such a definite rosy violet cast, together with a vivid purple throat, that a change in classification from 554 to 562 is indicated. We saw entries at many shows, all seemed oddly placed but their gigantic size enabled some wins. Round florets, 6-8 inches, 6-8 open on spikes too tall for self support, the stem appearing somewhat weak at the ground for the heavy load.
Firsts at Chagrin Falls (ours), Empire (Rochester), Tri State and 2 at Cleveland. L .50 M .35 Blts .05.
- 563 HILLCREST** (Brown—N. Z.) (our '48 import release) M. There is such an over-all depth of color to this glad that the numerous entries we saw in the shows all seemed out of their natural environment in 561 and they suffered in the judging accordingly. Now we class it 563. Shining and exotic, a rich, medium-deep rose rather heavily feathered and flecked deeper, increasing towards the edges of the petals. It has a vivid throat mark of deep cerise. 6-7 inch, wide open florets making grand exhibition spikes of gigantic size. Splendid propagator. Very healthy. Color improved when cut and bloomed indoors.
L .50 M .30 S .20 Blts .05 (100, \$3.).
- 462 H. R. HANCOCK** (Both) (our '43 import release) M. Color hard to place on Fischer Color Chart. A point somewhere between R4-5 and VR5. Clear, medium deep, violet cast, cherry rose, with clear, creamy white throat. Very clean colors. Perfect, double row placement of 5 inch florets, even from No. 6 small bulbs. 8-11 open, balance in color, a bit crowded on a flowerhead not as stretchy as we would like to have ordered it. Substance excellent. Cut in bud, opens well to tip with very little diminution of size up the spike. A wonderful color break for the cut flower growers and it is a prolific propagator, as well. Award of Merit by So. Australia G. S. and first "Color Champion" (as term is used in U. S.) on this continent. One of the most popular glads we have ever offered and now at very reasonable price.
L .25 M .15 S .10 Blts (100, \$1.) (1000, \$8.) (Pint, \$15.).

LAVENDER—66 Series

466 BENJAMIN BRITTEN (K & M '48) (our '49 import release) Early. A very deep toned lavender approaching light (Rhodamine) purple. White pencil on lip petal. A very uncommon color. The plants are vigorous, the spikes very tall, close to 6 feet, florets around 5 inches, 8 opening with ease. Has a good cutting stem and all other traits indicate high commercial value. A. M., Haarlem, A. M., London RHS Test Garden and this is the fourth of the 4 varieties that rated "AA" at the W. Virginia Test Garden, where a spike also won in the W. Virginia show, all '48. Holland prices for '49 are not budging from their '48 level.

Each **L** \$6.00 **Blts** \$1.00.

366 KITTYHAWK (Both) (our '48 import release) M. A delicate lavender that feathers its color a bit to the edges but makes up for that by opening up to 10 florets, of medium size, around 4 inches, in full double row formation on tall, strong spikes. Good habits and propagates well. Grand Champion at three shows in N. Z., our winter of '46-47. This is a blue toned lavender in our opinion closer to, that of Minuet than Patrician or any other to the best of our knowledge. It even carries a peppering in the throat on the order of that in Minuet.

L .50 **M** .35 **S** .25 **Blts** .05 (100, \$3.).

466 LAVENDER DREAM (Holland) (our '48 import release) M. A beautiful gladiolus classified lavender of very attractive bright color, really of cattleya rose violet with creamy marks. Makes tall spikes with 6 or more open of good commercial and show quality. Has opened ten. The color is something to really exclaim about and we have rated it tops in the lavender classification. Not yet grown by us from large bulbs and if we get 2 or 3 more buds from large bulbs our OK will be complete. F. C. C., Haarlem, '47 and our 1st, Solon, Ohio, '48

L .20 **M** .10 **Blts** (100, \$2.) (1000, \$15.).

566 MINSTREL (Palmer '44) M. Lavender with a pink overtone often with considerable feathering of deeper color, the amount of feathering depending much on heat and methods of fertilizing. "Butterfly" type of florets up to 7 inches, somewhat ruffled and needlepoint. Only a fair propagator with us. We do expect well grown spikes to win over Elizabeth the Queen. It did in at least 3 shows, '48.

L .40 **M** .30 **S** .20 **Blts** (100, \$3.).

367 MRS. E. BURKINSHAW (Both '46) LM. An odd color not all will like. The ground color is a medium-deep rose lavender with a much deeper contrasting blotch. The 4-5 inch florets are well placed on tall exhibition spikes. Flower heads about 2 feet. Bloomed only from medium and small sizes so far, so we may get some surprises this year.

L \$1.50 **M** \$1.00 **S** .50 **Blts** .10.

566 TUNIA'S MASTERPIECE (Both) (our '47 import release) M. Truly a masterpiece. Most perfect lavender, some occasional deeper flecks, variable, though often clear. Has a small, not very conspicuous, throat dart of medium light blue violet, edged a bit lighter. Florets hard faced and glistening on a vigorous plant. Propagation only medium good. For us bulblets have made long, stretchy spikes with 19 buds, 9 open, 5½ inch florets, all about the same size. Large bulbs, without special forcing between bud and bloom stage have made spikes with 36-40 inch flowerheads, 12-14 open, 6-7 inch florets and decreasing in size but slightly, right up to the 12th open floret. Well grown 2 year old bulbs can measure up to 4-5 inches across. One of the very best glads in our list.

A first at Winnipeg and our first at Ohio (Cleveland), '48.

Each **L** \$3.50 **M** \$3.00 **S** \$2.50 **Blts** .35 (100, \$25.).

PURPLE—70 Series

370 HAVELOCK (Julyan) (our '48 import release) M. Medium size florets of about 4 inches, clear, rich, deep blue-violet toned purple. Strong grower and very consistent in its ability to open 8-10 on tall spikes of grand commercial quality. Good propagator. During the war years this variety has built up a fine cut flower reputation from New Zealand to western Australia. We sent out many trial lots in last few years, all reports were good.

Each **L** .35 **M** .25 **Blts** (100, \$2.) (1000, \$12.) (Pint, \$20.).

470 LANCASTER (Palmer '44) M. Clear, dark, velvety purple, beautifully waved and ruffled. Rates No. 15 in the last Canadian Symposium. We have awarded it top color rating among the purples and doubt if any will dispute it. Its lack of progress and acclaim is due only to rather poor propagation but finally we have it priced where all may have it.

L .25 **M** .20 **Blts** (100, \$1.).

470 PAUL RUBENS (Salman) LM. A magenta red violet. Shining finish and substantially a self color. Florets border on and occasionally make giant size. The spikes are tall and strong, the bulb health and growth is something to brag about. It has an assured commercial future. So far a first at Chicago and ours at Solon, Ohio, '48 are noted.

L .25 M .20 Blts (100, \$2.) (1000, \$12.) (Pint, \$20.).

471 STAPLEFORD (Whiteley) L. Brilliant medium-deep purple, very spectacularly blotched clear white. Makes very tall, strong spikes holding up to 12 open in full double row placement. It is late and propagation is difficult but we do not know of other purples of this shade. It can make stunning spikes. Supply is limited.

L .75 M .50 S .50 Blts .10.

LIGHT VIOLET—76 Series

577 BLUE ICE (Butt '45) M. Light oriental blue with some feathering of the color, throat carries a deeper blue mark edged yellow. Florets about 6 inches, lightly creased and a bit ruffled, wide open, mostly single lip with top petal back. 6-8 open on tall, straight spikes. We note a first at So. Minn. and our first at Ohio, '47. In spite of relatively high cost it is getting to shows and we note 14 firsts including Cleveland and Binghamton, the largest shows on the continent, '48.

Each L \$3.50 M \$2.25 S \$1.50 Blts .30.

477 RAVEL (K & M) (our '47 import release) E. Medium blue violet, deeper than Blue Ice, with a reddish brown throat mark. Makes tall, straight spikes with large florets of good substance, well placed and spaced. Unlike most blue varieties Ravel is a very healthy grower, an excellent propagator and the spikes stand up. Was grand champion and received First Class Certificate, Haarlem, 7-16-45. We note 9 firsts, one ours at Binghamton, also an "A" rating at W. Virginia Test Gardens and A. M. at London RHS Test Gardens, all '48.

L .50 M .30 Blts .05.

DEEP VIOLET—78 Series

378 ABU HASSAN (Holland) (our '47 import release) E. Medium size florets of velvety deep violet blue. Unlike Pelegrina, this variety stands erect on strong, slim stems. Ten firsts noted, '48.

L .20 M .15 Blts (100, \$1.50).

SMOKY—80 Series

586 FLYING FORTRESS (Wilson-Evans '43) LM (about 93 days). With great consistency, it produces the biggest bulk of flowerhead in our fields. A lavender toned smoky with carmine throat. Florets 6-8 inches, ribbed, 8-13 open on tall, extremely long flowerheads. Award of Merit by Ohio Society. Seven firsts noted, '48. The price is now low enough for quantity buying.

L .30 M .20 Blts (100, \$2.) (1000, \$12.) (Pint, \$20.).

582 FRED PARKER (Both) (our '48 import release) LM. This stock is also called "Fred Parker Improved." A super giant deep orange smoky, ticked with light yellow stripes. The color has an etched effect. A new color in smokies and has produced 9½ inch florets from field grown stock with no special help. 7 open Stock very limited.

Each, any size bulb, your choice, \$2.00 (no dozen rate) Blts .30.

486 GRAY DAWN (Both) (our '43 import release) L. We list very few late bloomers but this novelty glad has a host of friends who like them "different." Giant spikes, giant florets, irreproachable placement and a striking color of medium-light lavender blue-gray. The color feathers and seldom are two florets alike. Fast propagator but, strange to say, cut flower growers keep our supply at a low level.

M .25 Blts (100, \$2.) (1000, \$10.).

486 PASTEL (Both) (our '42 import release) L. This is the perfect pastel blend smoky. Rosy, velvety gray, with petals widely edged steel blue. Color is soft, smooth, without glitter. 4½-5 inch florets, round petalled, wide open. In the excitement over the larger Tunia's Mahomet, this grand variety should not be overlooked. Few persons expect to find real quality of color in the "smokies," with their gray tones. However, we rate the color quality of Pastel very high.

L .25 M .15 Blts (100, \$1.) (1000, \$6.) (Pint, \$12.).

"Pastel is a lustrous rose gray with blue edge, rolled back, wide open florets, exhibition type, medium height, color fades slightly toward tip—a marvellous color that women "rave" over. Rapid propagator." Group Test Report, Canada.

585 TUNIA'S ARISTOCRAT (Both '48) (our '49 import release) LM. Artistic and exotic blendings of lilac, brown, fawn, orange and pink, overlaid smoke with a conspicuous and vivid cerise blotch surrounded by a reddish brown. The growth is rugged and the huge florets so well placed with enough open for a

perfect outline to indicate grand champion probabilities. In fact, from what little we have seen of this, it bids fair to be rated tops of the long list of Both varieties, including his fall of '48 introductions, all of which we grew in '48 but not to extent of full appraisal. First at RHS, London, '48. Our stock is very limited. Our bulblets below what we consider salable size.

Each **M** \$5.00 **S** \$5.00 (no dozen rate).

- 586 TUNIA'S MAHOMET** (Both) (our '43 import release) E. Probably the most popular dark colored variety we have ever marketed. A color description sounds variegated, whereas, in fact, the colors smooth out in extremely dark, velvety fashion. We would call it very deep, velvety, smoky plum rose with orange scarlet in throat. Seven inch florets, 7 open with almost no diminution in size up the stem with relative ease and spikes well grown have been had 8 inches (on all 8 open), with 42 inch flowerheads. Habits consistently good everywhere. Two color and one grand championships, Tasmania and N. Z. Award of Merit Ohio Society and First Class Certificate by So. Australian Society. As a sampling of its winnings we have recorded 18 firsts in shows about the states in '47.

L .35 **M** .25 **Blts** (100, \$2.) (1000, \$12.) (Pint, \$20.).

- 582 TUNIA'S WIZARD** (Both '47) (ou '48 import release) M. Here it is. "The 12 inch gladiolus." The glad to stop all who behold it—including the judges selecting the grand champion spikes of the shows. Society members, visitors to Mr. Both's fields, found spikes of Tunia's Wizard with blooms full 10½ inches diameter, growing under normal field conditions and without any artificial aid. With show bench treatment, Mr. Both says 12 inch florets are well within its compass. Mr. Both has a color reproduction on his '47 catalog showing an immense spike with 9 open, well placed and faced in full double row formation, about 18 bud total. The color is not very far removed from that of Tunia's Mahomet. The throat is lighter and more orange, the scarlet on lip petal more prominent. The size of floret is substantially maintained up the spike to the 8th open floret. All of the florets appear to be of the preferred "inverted" type (single lip, top petal to rear). About a fourth of our bulblets bloomed and made mostly medium bulbs but here again our current crop of bulblets via bulblets we consider below salable size.

Each **M** \$10.00 (no dozen rate) (gratis with each bulb, 2 very small bulblets if requested).

ANY OTHER COLOR—90

- 390 PINOCCHIO** (Evans '40) very early. A true novelty gladiolus. Color is a novelty blending of pink, yellow, green, orange and red without any emphatic preponderance. At a distance the yellow, orange and red give it a prevailing orange tone but classifiers decided the 90 series applied. Florets are of heavy texture, 3¼-4 inches, round, 5-7 wide open, intensely ruffled and fluted. Placement is airy on stretchy spikes 50 inches high. Flowerhead 24 inches on wiry stem well above the foliage which is short. Good propagator, bulblets run large, most of them bloom. Has won hundreds of awards with more than its share of special awards, section champ, most ruffled and Award of Merit, Ohio Society.

L .15 **M** .10 **Blts** (100, \$1.00).

- 590 R. B.** (Upton) LM. Years ago we helped drag this variety out of the discard because of its unusual rusty golden brown, or henna color, on an old rose base. Furthermore, the color is composed by etching lines rather than smooth. The placement is not always all that could be desired. In spite of all this R. B. is still riding the heights of popularity and winning hundreds of prizes, many of them for largest floret, since they can easily be had from 7-8 inches.

L .12.

- 590 TUNIA'S ATOMIC BURST** (Both '46) (our '48 import release) M. Vivid bronzy red with a slight smoky overcast on the three inner petals. Some radiant streaks of deeper color at outer edge undoubtedly helped to suggest the name. Makes full double row placement, well faced, stupendous spikes with much bud color, bursting open quickly up to 10 huge florets. It looks destined to top the 590 section as soon as stocks are available.

Each **L** \$2.00 **M** \$1.50 **S** \$1.00 **Blts** .15 (100, \$10.) (1000, \$60.).

- 590 TUNIA'S ELITE** (Both) (our '47 import release) EM. Seven inch and larger, giant, round, wide open florets. A bit ruffled. The color is a bronzy orange, edged smoky orange, with prominent throat marking of fiery orange red. Makes spikes approximately as Tunia's Mahomet, which statement a large part of our customers will understand. The substance is good and the florets are held rigidly on tall, strong stems. Good propagator.

The more we see of this variety the better we like its color and powerful growing habits.

Each **L** \$1.00 **M** .75 **S** .50 **Blts** .08 (100, \$5.) (1000, \$30.) (Pint, \$50.).

CULTURE

Both the N. E. G. S. and the N. A. G. C. issue Cultural leaflets. Inquire of their secretaries for copies. See page 34.

Increased data in fore part of our Guide Book, together with more new varieties than usual, have all but wiped out the space usually devoted to cultural directions. So, this year, we will retain only some pertinent highlights.

Simple as can be. Inexpensive, too. Plant healthy, young bulbs of the large size of varieties currently winning first prizes in the major shows of the world. Soil prepared in the fall with heavy applications of well rotted cow manure and bone meal is excellent. Avoid horse manure in any season. Plant in the sunniest location possible. Shelter from strong winds is desirable. Preferably in a group planting by themselves. They can be at their best in rows among the vegetables.

Plant large bulbs 5 inches deep, medium bulbs 4, small bulbs 3 and bulblets 2. If soil is extremely sandy plant somewhat deeper. If very heavy, somewhat less deep. For best bloom production set bulbs apart in row roughly about 4 times their diameter. Sow bulblets thickly, like peas. Distance between rows as little as will permit of your particular method of cultivating, weeding, etc.

If a heavy application of cow manure (3 to 6 inches deep) and coarse bone meal (25-30 lbs. to 500 sq. ft.) was applied in the fall and the ground left rough, no more fertilizing need be done the following year.

A plump bulb of $1\frac{1}{4}$ inches diameter has plenty food to start production of a show specimen spike. If the bulb is 2 inches or more in diameter it may have two or more prominent eyes or sprouts, indicating that it will make as many stalks and spikes. Now this one bulb cannot be expected to make two or more spikes of the same show specimen quality it would produce if held to a single eye and spike. If you want to bring renewed youth and vigor to your old jumbo bulbs and beat the other fellow, just disbud the bulb, i.e., gouge out all eyes except the most prominent one, just as you gouged out the little specks of scab or disease, dusting as before. We are of opinion that bulbs may be lost by this process only by failure to heal the cut surface sufficiently before planting.

Above all, we beg our readers not to put off inspecting the plants for thrips infestation until blooms appear. If they already have a good foothold at that time you may have a very discouraging task on your hands.

We recommend **preventive spraying**, once every 10 days after plants are up 6 or 8 inches until blooming. In any event, have your insecticide on hand to use if needed.

The thrips problem is now satisfactorily solved—a great blessing to all concerned.

We are through with NAPHTHALENE FLAKES for gassing bulbs in storage . . . through with TARTAR EMETIC and its necessary "sweets" accompaniment for plant spray . . . through with CORROSIVE SUBLIMATE (bichloride of mercury) bulb soaking as a prerequisite to planting, using it only where a particular batch of bulbs show some definite signs of some disease to be corrected.

For dusting bulbs in storage. The sooner the better after dug and roots relatively dry. If not dry in a week it is not nearly so important as getting the bulbs dusted promptly to prevent thrips from crawling down the short stem to the crown of the bulb where dust may never penetrate. D. D. T. does not gas them like naphthalene flakes. Use any D. D. T. dry dusting powder 1 to 3 per cent strength is enough . . . over 5 per cent a sheer waste of money and increase of possible human hazard by inhalation.

If you use D. D. T. liquid spray, the wettable powder form is much safer (to you) than the liquid forms offered unless the label on the liquid clearly states that it carries no oil or oil emulsion base. Use either the wettable powder or liquid spray at the formula rate suggested on the label. If several strengths are suggested for various kinds of plants or pests, adopt the strongest formula.

A WORD TO THE WISE

Disappointment can be minimized by leaving to the highly trained gladiolus specialist the experimentation and cash investment necessary to try out all the new offerings of the many hybridizers. Those who know the quality of competition in national, state and regional shows in the last few years have come to realize that inferior sorts rarely win. We list only those varieties currently winning first prize awards and, on occasion, a limited few new ones which we have grown and which, in our opinion, are about to take their place in the winning ranks. We have almost no errors to acknowledge.

We have no knowledge of the existence of any other gladiolus catalog in the world that even closely approaches so exclusive a list of prize-winners.

Also, it is well to leave to the federal, state and university entomologists, pathologists and to gladiolus specialists cooperating with them, the determination of best usages for the control of insect pests and bulb and plant diseases. Experimentation by others with poisons, poisonous gases and with insecticides, the component parts of which are not understood by the user, and with unapproved methods of fertilization, usually leads to trouble.

GLADIOLUS SOCIETIES

There are now upwards of forty state and regional societies in the U. S. and twenty-six provincial or regional societies affiliated with the Canadian Gladiolus Society. Several each in Australia and New Zealand. National societies in England, Holland, Belgium and Germany. Upon request we will assist you to contact your nearest society.

In the U. S. the **New England Gladiolus Society** ("A") has affiliations with 26 state and regional societies, 3 of them in Canada.

In U. S. is also the **North American Gladiolus Council** ("B") organized in 1945 to assume many functions of a U. S.-Canadian federation, having affiliations with 36 state and provincial societies and two Canadian commercial growers groups.

In Canada the **Canadian Gladiolus Society** ("C") has affiliations with 26 provincial, regional or district societies and with the Ohio and Pennsylvania societies as well.

To conserve space on this page these major societies will be designated A, B, C, respectively.

Affiliated with A, B, and C:—Ohio, Pennsylvania and Vancouver.

Affiliated with A, C:—Calgary, Winnipeg and Victoria.

Affiliated with A, B:—Blue Ridge, Empire State, Ill., Iowa, Ohio, Okla., Nebr., Pacific N. W., Tri State, S. E. Mich., So. Calif., Utah, Wash., W. Va., Wis., and Yakima Valley, (Wash.).

Affiliated with A only:—East Bay (Calif.), Maine, Mich., Minn., Mont., S. W. Va., Verdun (Que.).

Affiliated with B only:—Conn., Del., E. Liverpool, E. N. Y., Ind., Keystone, N. J., Md., No. Calif., R. I., So. Minn., W. Mass.

Affiliated with B and C:—Hamilton Dist., Niagara Peninsula, No. Vancouver, Ottawa Dist. G. C. and Saskatoon.

Affiliated with C only:—Edmonton, Fredericton, Guelph, Hawkesbury, Moncton, Lethbridge, North Bay, Moose Jaw, Oshawa, Prince Albert, Quebec, Regina, Simcoe, Stratford, Thunder Bay, Truro and Wilkie.

Publications: A has 250 page year book and 6 magazines of about 64 pages. B has 4 Quarterly Bulletins. C has 200 page year book especially valuable for its symposium rating of some 800 varieties.

Make up your own combination subscriptions or "memberships". The local society dues are \$1.00. To combine A, add \$1.50. To combine with B, add 75c. To combine with C, add \$1.00. **All joint or "affiliated" membership dues are payable only to the local society.** Examples: the only all-inclusive one is Ohio x A x B x C \$4.25 (local \$1.00, A \$1.50, B 75c, C \$1.00, total \$4.25). Another: Ohio with C only, \$2.00.

British. Annual. 10/6. A. E. Blake Amos, Sec'y, "Marokko," 165 Lynton Road, Harrow, Middlesex, England.

Canadian. Year Book. \$2.00. Sec'y Mrs. J. A. Carleton, 166 Willow Rd., Guelph, Ontario, Canada.

Eastern N. Y. and N. J. 4-6 Bulletins. \$1.00. Sec'y (N. J.) W. I. Larson, Box 253, Laurel Springs, N. J.

Empire State. 8 Bulletins. Sec'y Gordon R. McKenney, 175 Croydon Road, Rochester 10, N. Y. (Now \$1.50).

Illinois. Quarterlies. Sec'y Ralph E. Kircher, 1419 West Edwards St., Springfield, Ill.

Indiana. Bi-monthly Bulletins. Sec'y Harley R. Ball, 1506 East 80th Street, Indianapolis 20, Ind.

Iowa. Irregular Bulletins (4-12) Sec'y Wm. H. Collins, State House, Des Moines, Ia.

Maine. Annual. Sec'y Mrs. George J. Walenta, South China, Maine.

Michigan. \$1.00. This year members will receive a 64 page booklet, the best current treatise to be had on Gladiolus Diseases, published by Michigan State College. A bargain, if interested. Sec'y Howard F. Gross, 2579 Parkwood Ave., East Ann Arbor, Michigan.

Minn. 2 Bulletins, 9 issues Minn. Horticulturist, \$1.75. Secretary Loren Cahlander,

3522 Knox Ave., North, Minneapolis 12, Minn.

National Gladiolus Circle of New Zealand. Year Book, about 100 pages. \$1.00. (U. S. dollar bill is OK). (Issues in June). Hubert G. Clarke, "Santa Clara," 222 Waimairi Rd., Waimairi, Christchurch, N. W. 3, New Zealand.

North American Gladiolus Council. Subscription to Quarterly only \$1.00. Sec'y A. Bazdorf, Lincoln Park, N. J.

New England. Year Book and 6 Magazines \$2.00. Sec'y Miss M. P. Ayer, Horticultural Hall, Boston 15, Mass.

OHIO. Quarterly Bulletins. (Ohio-B, \$1.75). Ohio-AB, \$3.25). (Ohio-ABC, the only available 4-way combination, the best literature combination obtainable anywhere, \$4.25, a saving of \$1.75. Payable only through Ohio Sec'y W. W. Wood, Rudolph, Ohio). (Ohio-BC is \$2.75).

S. E. Mich. Annual and occasional Bulletins. \$1.00. Sec'y Arthur H. Bruske, 12134 Wyoming Ave., Detroit 4, Mich.

So. California. Monthly Bulletins. Sec'y Fred B. Chase, 11141 Freeman Avenue, Inglewood, California.

Wisconsin. Includes the very fine monthly magazine "Wisconsin Horticulture," Sec'y Mrs. Lenora Piepkorn, Plymouth, Wis.

COLOR CHART

The mounted Fischer Color Chart (108 color blocks) is again available. Send us \$2.00 and we will have one shortly in your hands with printed instructions, postpaid.

FREE BULBS

Here is how. This offer is only to secure new members, not renewals and cuts your membership fee in half, as you will readily see.

To all customers sending in Retail orders of \$7 cash and up. If you will also transmit to us your check or money order made out to any of the above societies, in the full amount for one year new membership fee, we will transmit same to such society and you may add to your order bulbs of your own selection from our catalog (at list prices, no further discounts) to the amount of one half of such membership fee.

Illustration: A customer sends in \$7, or larger retail order and selects the Ohio-

Canadian affiliation, enclosing \$2.00 made payable to the Ohio society. He selects and adds to his order \$1.00 worth of bulbs (at list prices), without charge. We do the rest.

FREE MEMBERSHIP

To all customers, including foreign, whose purchases at Retail net \$25 or more, provided such customer is not already a member, we will give a paid-up one year membership in the Canadian Gladiolus Society and the Ohio State Gladiolus Society. Or the \$2.00 mounted Fischer Color Chart.

This page is not a gesture. It has been costing us in the neighborhood of \$200.00 in cash and bulbs for many years.

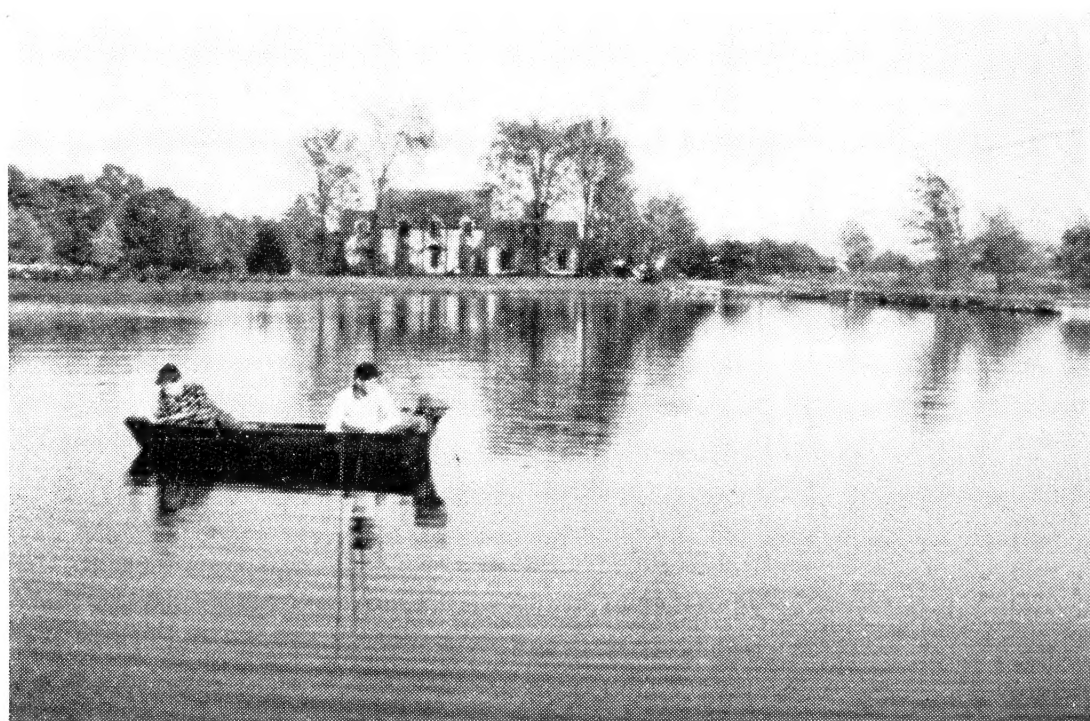
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A booklet of about 24 pages, identifying size, color, originator, year first available via U. S. price lists and number of days to bloom. About July 1st send 10 cents to secretary N. A. G. C. for 1949 edition.

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